LANGDON'S EFFORT TO REVEAL EDMOND'S KILLER AND HIS HIDDEN DISCOVERY IN DAN BROWN ORIGIN NOVEL

THESIS

Submitted as a Partial Fulfillment of the Requirements fro the Sarjana Degree of English Department Faculty of Arts and Humanities State Islamic University of Sunan Ampel Surabaya



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This study does not incorporate any materials of other study or previous studies except the
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Surabaya, 19 october th,2018

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ABSTRACT

Handayani, Fitri. 2018. Langdon's Effort to Reveal Edmond's Killer and His Hidden Discovery in Dan Brown's *Origin* Novel. English Department. Faculty of Arts and Humanities. State Islamic University of Sunan Ampel Surabaya.

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This study aims to reveal the secret of the character Edmond Kirsch. The object study is in plot of mystery novel entitled *Origin* by Dan Brown. This study focused on Robert Langdon as the main character. Robert Langdon invited by Edmond Kirsch to attend his presentation about new discovery he made. However, this caused Langdon's involvement in the crime. Langdon saw Edmond shot by anonymous man. It also affected Edmond's hidden discovery that was not announced yet. Based on that issue, this study discusses how Langdon struggle to reveal the killer and find the hidden discovery of Edmond. To answer those questions, the researcher uses Detective Formula by John G. Cawelty. Using qualitative descriptive method, the researcher found that Langdon met the killer and he was able to kill the killer. Langdon also found Edmond's hidden discovery. The last, Langdon can reveal another truth that Edmond's death was arranged by Edmond's Artificial Intelligence private assistant, Winston.

Key words: Mystery, Hidden Discovery, Detective Formula

INTISARI

Handayani, Fitri. 2018. Langdon's Effort to Reveal Edmond's Killer and His Hidden Discovery in Dan Brown's *Origin* Novel. English Department. Faculty of Letters and Humanities. State Islamic University of Sunan Ampel Surabaya.

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Penelitian ini mendiskusikan analisis tentang plot dari novel misteri yang berjudul Origin oleh Dan Brown. Penelitian ini fokus pada Robert Langdon sebagai karakter utama. Robert Langdon diundang oleh Edmond Kirsch untuk datang di presentasinya tentang mengumumkan penemuan baru yang dia buat. Namun, Langdon melihat Edmond ditembak oleh orang tak dikenal. Kematian Edmond menyebabkan penemuannya tidak bisa diumumkan. Berdasarkan kejadian tersebut, penelitian ini membahas bagaimana usaha Langdon untuk mengungkap pembunuh Edmond dan mencari penemuan tersembunyinya. Untuk menjawab kedua pertanyaan tersebut, peneliti menggunakan formula detektif oleh John G. Cawelty. Dengan menggunakan metode deskripsi kualitatif, peneliti menemukan bahwa Langdon bertemu pembunuh Edmond dan Langdon berhasil membunuhnya. Langdon juga menemukan penemuan tersembunyi Edmond. terakhir, Langdon dapat mengungkapkan kebenaran lain bahwa kematian Edmond telah disusun oleh asisten pribadi Artifisial Intelijen Edmond, yaitu Winston.

Kata kunci: Misteri, Penemuan Tersembunyi, Formula Detektif

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CHAPTER I

INTRODUCTION

1.1 Background of Study

Nowadays, the crime novel including the detective story is increased and spread to the world. A detective story being best-sellers both in English and foreign languages (James, 2009:50). As we know that detective story is taking a mystery as the main part and by the end it will be solved by a detective.

James also stated that another attraction of mystery novel is the satisfaction in solving the mystery (52). It may affected the readers to attract their adrenaline and being satisfied when the mystery is solved. It also treated the readers to exercise their thought and their attitude toward a problems in a real life.

She stated that novels which have an atrocious crime at their heart, whose writers set out to explore and interpret the dangerous and violent underworld of crime, its causes, ramifications and effect on both perpetrators and victims, can cover an extraordinarily broad spectrum of imaginative writing extending to some of the highest works of the human imagination (4).

She argued that detective story must be a creative and reconciling correlation between theme, characterization, setting, and plot. The latter one is being dominant in detective story because it should arise naturally from the characters and the place (50). The writer of detective story should think about

new concepts to explore their creativity. It aimed that the detective story has not only a murder but it also increased into another unique way of crime.

For that reason, a detective story moved from the classical characteristic into a modern story. Based on James, a detective novels are more realistic in its treatment of murder, more aware of scientific advances in the detection of crime, more sensitive to the environment in which it is set (55). A detective story is not solved by luck or divine intervention, but by human ingenuity, human intelligence and human courage. Because in this modern era, people want to solve a problem by rational thinking. Thus, detective fiction has many variety and quality that made this genre will safe and develop in the future.

One of literary works that brings the detective story and actual issues such as the evolution and the rapid technology is *Origin*. *Origin* is written by Dan Brown, an American popular literature author. He wrote *Origin* novel because he was inspired by his childhood experience. He grew up in Christian family, thus it make him familiar with the bible. When he was at the age of nine, he was confused with the idea of evolution at a science fair. It made him curious and wonder if it was religion or science that offered the proper answer in explaining the existence of human beings. But when he asked about it to the cleric, what he got was, "nice boys don't ask that question". That unanswered question thus became Brown's lifetime inquiry and inspired his efforts to advertise a dialogue to overcome tensions between science and religion, a theme that inserted in many of his works (Lee Hsin-Yin p.1-5).

The *Origin* novel had an antecedent printing of two million copies and translated to forty two languages over the world. Thus, in August 2018, this novel is placed the first list for twenty three weeks on the *New York Times*. As Coyle stated that popular literature is a literary work produced by mass media for mass consumption (987). So, this novel can be called as a popular literature.

The researcher chooses *Origin* novel because it has an actual theme such as science, rapid technology, and religion. Those issues are depicted in a detective story. The researcher also found an assasination because the involvement of technology secretly. The involvement of rapid technology is depicted similarly as human beings. Even the technology can do more than human can think because it also involved in the mysterious murder. Thus, the researcher want to analyze the way the assasination happened and the involvement of the detective to reveal that crime.

While, according to Arnold's statement about literature, "literature includes written texts in all fields including mathematics and science, not just mere belles lettres (62)." Gossin also argued that "other forms of imaginative literature beside fiction, poetry, and drama are concerned with the experimental sciences and their relationship with literary art (170)." The relationship between technology, science and literature is because literature reflected about human nature, while science is a part of the physical environment. So, literature can take technology and science as the theme of literary work.

Poetry, fiction, and drama are the kinds of literary work. According to Guerin's opinion, he stated that "the novel, however, contains more characters, and its plot, a number of episodes or situations. Nevertheless, the novel, too, is an art form, and a close reading will present one or more ways of seeing its form and how the author controls that form (124)." Because of that, novel is different by its length with short stories or poems because it has a complex characters and situation. So, through the novel, many authors can embed a real information for example an actual setting, or even the development of technology and science.

Literary works has so many genre. As Saricks argued that "genre is defined as any sizable group of fiction authors and/or specific titles that have specific pattern (6)." Each genre has specific characteristics such as the story line, frame and setting, mood, language and style.

Based on Abrams's statement, the genre of the novel are incorporated in the four major genres of comedy, romance, tragedy, and satire (13). This kind of genre are classified as the conventional patterns that literature shares with social ritual such as theology, law, and history. While Saricks argued that popular literature has many genres and it categorized by its kind of stories. The genre are divided into four major genres, such as adrenaline, emotions, intellectual, and landscape (3). Those whole genre has different formula to analyze, no exception for mystery genre which includes in intellectual genre. It constructed around the puzzle involve a crime, usually murder and a body.

Cawelty argued that the actual narrative of a mystery involves the isolation of clues, the making of deductions from these clues, and the attempt to place the various clues in their rational places in a complete scheme of cause and effect (43). Mytery story itself has formula pattern which refer to a literary formula is a structure of narrative or dramatic convention employed in a great number of individual works (5). A formula is also similar in many ways to the traditional literary conception of a genre (6).

Based on the discussion above, the researcher wants to analyze Robert Langdon as main character. The researcher wants to examine the effort of Robert Langdon to reveal the murder and the hidden discovery by using Detective Formula that focus on plot.

1.1 Statement of Problem

Based on the background of the study explained above, the researcher is interested in analyzing the problem, which are formulated as follows:

- 1. How is Langdon's reaction towards Edmond's death?
- 2. How does Langdon reveal Edmond's hidden discovery?

1.2 Objective of Study

The objective of the research is to answer the problem stated above, they are:

- 1. To describe Robert Langdon's reaction towards Edmond's death
- 2. To find out how Robert Langdon reveals Edmond's discovery

1.3 Scope and Limitation

This research is concentrated on Robert Langdon as the main character in *Origin* novel and the researcher focuses on how Robert Langdon reacts Edmond's death and his efforts to reveal Edmond's hidden discovery using Detective Formula focus on plot of *Origin* novel.

1.4 Significance of Study

The researcher wishes that the result of this study will be useful for English Department students especially those who interested in detective story. It also enriches the reference about detective formula by John G. Cawelty. Moreover, this study can be useful for common readers because the detective story can be adapted in a real life experience. The readers can use detective way to solve a problem with a systematic process, developing a thought, so it can prevent the readers from false solution.

1.5 Method of Study

This research is library base. Therefore, the primary data of this study is taken from *Origin* novel and the secondary data is taken from internet sources, journals, and articles. It aimed to support this study to improve the knowledge. In presenting the analysis, this study follows with some following steps:

- 1. Reading the novel repeatedly and understanding the whole story.
- 2. Selecting and collecting the data in the form of narrative and conversation of the novel related to the problems.

- 3. Analyzing the data collected by classifiying the data into two parts dealing with the statement problems.
- 4. Making conclusion based on the data analysis.



CHAPTER II

REVIEW OF LITERATURE

2.1 Theoretical Framework

In this chapter, the researcher explains about the theories that are going to be used to analyze Robert Langdon as the main character in *Origin* novel.

Origin novel has prominent mystery story which is investigation of some case, reveal the killer and reveal the hidden discovery. In analyzing this object, the researcher uses John G. Cawelty's book especially focus on plot. Plot refers to one of the element of New Criticism Theory, therefore, the researcher uses it to know how the crime evolved and the investigation appeared to find the killer and to find the hidden discovery.

2.2 Popular Literature

Here, the researcher uses John G. Cawelty's popular formula. Literary formula means of defining and evaluating the unique qualities of individual works. The terms of formula also used to describe the broadest sort of literary type such as drama, prose fiction, and lyric poetry. Formulas are same with popular genre in its function as to denote literary types like western or detective story. Whereas popular literature is intented by a large mass of people, because it has various genre such as, adventure, romance, melodrama, mystery, and so on. Every genres has specific characteristic, without exception in mystery genre, it usually includes an investigation and discovery of hidden secrets. The examination of clues and the questioning of suspects as the heart

of the classical detective story. In John G. Cawelty's (1976) the classical detective story was first clearly introduced by Edgar Allan Poe in the 1840s, but it begin dominated in the end of nineteenth century. Poe defined four aspects of detective story formula such as situation, pattern of action, character, relation, and setting.

Mysteries novel is usually follow a particular pattern. It contains a committed crime, an investigator pursues the clues, interviewing suspects, and drawing conclusion. The investigator in some mysteries novel is not a professional detective. They can be an amateur detective, but still they enjoy solving crimes and they have interested to betray the puzzle whether they are paid or not. Here the researcher describe more about John G. Cawelty's the pattern of the formula that specified by Poe, the four aspects of the detective story as a conventional way of explaining a pattern of action or development of the situation such as:

2.2.1 Situation

The mystery novel focuses on the main character as the investigator and the secondary character, whether suspects or supporting character, he/she play an important role to solve the crime. In mystery novel, the crime is almost always murder and then the subsequent investigation appeared to pursue the suspects. The mystery novel also centered on the identity and motive of the criminal. The story introduces with an unsolved mystery and moves up to the

explanation of the mystery story (Cawelty 80). Since the story move toward to the solution although sometimes it slowed by details of time and place.

2.2.2 Pattern of Action

The pattern of action is centered to the detective's investigation and the solution of the crime. However, the pattern also has another part that will support those main pattern such as the detective's introduction, crime and clues, investigation, announcement, explanation and denouement. Those pattern do not always appear to sequence and are sometimes collapsed into each other, but those pattern will help the readers to identify the detective story (Cawelty 82). Some of detective story usually has pattern as Poe define into those six patterns.

2.2.3 Setting

In the detective story, the setting is arranged with limit and isolated place. It aimed to limit the framework of the clues and suspects so central to the story. Another reason is it establishes a framework for the treatment of manners to create an easy way for the detective to reveal the cases (Cawelty 97). The possible setting of a mystery novel is limited places such as in the private house, the private laboratorium or the famous church.

2.3 Plot

Bennet and Royle stated that plot in Russian term is 'sjuzhet', it used by the Russian formalist critics and borrowed by certain narratologists to denote the way in which a story is told, its 'discourse' or telling, as opposed to the events of the narrative, the *fabula* or story (296). According to Forster, a plot is a narrative of events, the emphasis falling on causality. The time-sequence is preserved, but the sense of causality overshadows it. It suspends the time-sequence, it moves as far away from the story as its limitations will allow (61). The plot is elaborate and subtle, and proceeds by action, conversation or meditation through every paragraph. The final effect is prearranged, dawns gradually on the reader, and is completely successful when it comes (Forster 104). Based on Wolfrey, the plot is the organisation and emphasis that shapes the story and its reception, and the order or sequence in which the details or facts are given (94). While Eagleton specified the plot of a detective story which usually opens with the discovery of a body and finally backtracks to expose how the murder happened, but this plot of events reverses the 'story' or actual chronology of the action (91).

However, according to Cawelty, the mystery novel formula mainly focus on the investigation of the detective and the solution from certain crimes.

There are six parts of the pattern of action in classical detective novel such as, introduction of the detective, crime and clues, investigation, announcement of the solution, explanation of the solution, and denouement.

2.2.1.1 Introduction of The Detective

Usually the story begins with the introduction of detective by showing his skill toward a certain knowledge. For example, as Poe depicted in "Rue Morgue" that the detective shows his skill which can read someone's thought

from someone's expression and gestures. In the classical story, it is important that the detective at least get on the right track from the beginning (Cawelty 82-83).

2.2.1.2 Crime and Clues

Commonly, the explanation of the crime immediately follows the introduction of the detective. The classical detective story evolves in this direction, giving increasing importance to the intricacy of the puzzle surrounding the crime. The crime also must be appear to be inexplicable. The crime and clues is followed by the parade of witnesses, suspects, and false solutions (Cawelty 85).

2.2.1.3 Investigation

As the crime and clues must pose a paradox, the investigation moving toward the clarification of the mystery. Then, the investigation usually threatens to uncover or expose the guilt of a character or characters with whom the reader has been encouraged to identify. So that, the detective's final solution is not only a clarification of the mystery but a rescue of characters the readers wish to see free from suspicion and danger (Cawelty 86).

2.2.1.4 Announcement of The Solution

Announcement of the solution is actual apprehension and punishment of the criminal. naturally, since the story focuses on the investigation of a mystery, the detective's calm announcement that he has arrived at the solution is a climactic moment. As the detective explain the situation, what seemed chaotic and confused is revealed as clear and logical. In this point also, the detective assumes the initiative to against the criminal (Cawelty 87).

2.2.1.5 Explanation of The Solution

The important thing in the explanation is the detective discourse at length on the reasoning that led him to the solution and reveal how and why the crime was committed. Obviously, the explanation is important because in completing the investigation it represents the goal toward which the story has been moving. In the detective story, when the readers arrive at the detective's solution, it means that the reader knew the truth, the single right perspective, and ordering of events (Cawelty 87-89).

2.2.1.6 Denouement

Denouement is the last step of detective story formula. In this section, it involves the actual apprehension and confession of the criminal. Sometimes denouement and solution are combined. The classical story is more focused with the isolation and specification of guilt than with the punishment of the criminal (Cawelty 90-91).

2.3 Review of Related Studies

The first review comes from Muhammad Qolbin Salim student of Sunan Ampel State University which entitled A Study of Awareness; The Right and Wrong Person in Robert Langdon Perspective in Dan Brown's Inferno. This research focus on New Criticism in main character Robert

Langdon by analyzing the character and characterization in *Inferno* novel by Dan Brown.

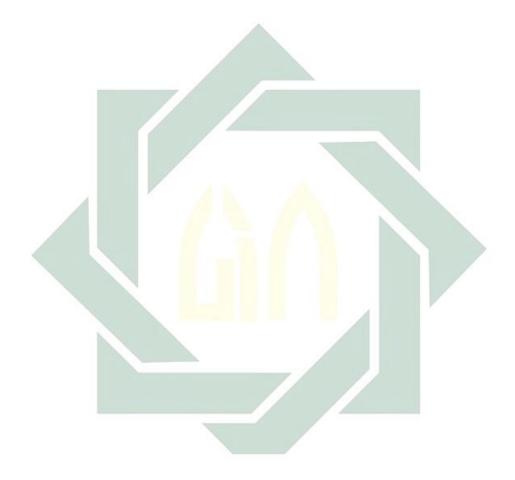
In other review comes from Annisa Nur Pertiwi student of Sunan Ampel State University which entitled *Emily's effort to prove her dad's innocence in Lucy Christoper's The Killing Woods novel*. In her research, she focuses on main character Emily by analyzing the effects of Ashlee's death toward Emily.

The last comes from Yohanes Ivan Christianto Hidayat student of Soegijapranata Catholic University thesis entitled *The Classical Detective Formula of Agatha Christie's The A. B. C. Murders*. This research analyze the experience of Hercule Poirot by using the plot formula by John G. Cawelty.

Based on some previous studies above, the researcher found similarities and differences. For the similar object, the researcher did not find the previous study that use *Origin* novel as the object of the research. But the researcher found *Inferno* has same focus in Robert Langdon as the main character because *Inferno* and *Origin* novel are written by Dan Brown.

However, for the result, both analysis was different. In *Inferno*, Robert Langdon depicted as a thief, an amnesia man and experiencing many problems. Thus, the result was how Robert Langdon solved his problem. Whereas, in *Origin*, Robert Langdon involved in Edmond's crime. He tried to find the killer and Edmond's hidden discovery. Thus, the result was the way Robert Langdon investigate the crime until found the hidden discovery.

Another similarities with those previous study that this research also used criminal fiction and detective formula theory. Last, the researcher analyzed *Origin* novel in order to find the shooter and find a hidden discovery by using Cawelty's detective formula.



CHAPTER III

LANGDON'S EFFORT TO REVEAL EDMOND'S KILLER AND HIS HIDDEN DISCOVERY

In this chapter the researcher answers the research question by analyzing the plot of the novel *Origin* because this study is using John G. Cawelty's popular formula. There are two problems to be analyzed. First, the researcher wants to find out how Langdon reacted Edmond's death. The discussion is accomplished to describe Langdon's reaction toward Edmond's death. For that purpose, analyzing the plot is the appropriate way. Second, the researcher wants to find out how Edmond's discovery revealed by Langdon. The detective plot here consists of introduction of the detective, the crime and clues, investigation of the crime, announcement of the solution, explanation of the solution, and the last is the denoument.

3.1 Introduction of the detective

Origin novel introduces the 'detective' Robert Langdon by narrating his coming to Guggenheim Museum to attend Edmond Kirsch's invitation. The word detective is put between quotation mark because he is not a real detective in the sense that it is not his job. Langdon is Harvard professor of symbology and religious iconology.

Robert Langdon, Harvard professor of symbology and religious iconology, arrives at the Guggenheim Museum Bilbao to attend the unveiling of a discovery that 'will change the face of science forever.' (Brown 1)

From the quotation above, it is known that Langdon is an expert in symbols and icons. He is also an art lover especially for an classic art, for example religion symbolism of Hieronymus Bosch, any kinds of art by Leonardo Da Vinci, and the paint brush of Fransisco de Goya.

Langdon's expertise can be seen from his quick identifying of certain symbols. For example when he received a letter from Edmond, he at once focused on the image inserted in it which is Edmond's invitation to Langdon. It presents two people standing face-to-face, with another image fulfill the empty space between the two faces. It shows the silhouette of a chalice, a cup that usually used for Holy mass.

> Langdon smiled when he saw the image—a clever allusion to an episode in which Langdon had been involved several years earlier. The silhouette of a chalice, or Grail cup, revealed itself in the empty space between the two faces. (Brown 16)

Another evidence that showed Langdon's ability was his analysis towards Edmond's artwork displayed in the museum. When someone confused about the art and said that it was not meaningful. Langdon came and refused someone's negative comment to Edmond's artwork because it was represent the soul of Edmond as a scientist. Then, Langdon give some proofs to support Edmond's artwork by identifying some symbols. For example, a clay represent the cuneiform, three marks represent the word 'fish', the oldest symbol for God. So, Edmond's artwork implied that the evolution consuming religion.

> "Well, first of all," Langdon said, "Edmond inscribed this piece in clay as an homage to mankind's earliest written language, cuneiform." "The three heavy markings in the middle," Langdon continued, "spell the word 'fish' in Assyrian. It's called a pictogram. If you look carefully, you can imagine the fish's open mouth facing right, as well as the triangular

scales on his body."... Langdon said, "the asymmetrical asterisk on the right—the symbol that the fish appears to be consuming—is one of history's oldest symbols for God." It's a playful version of the Darwin fish—evolution consuming religion." (Brown 33-34)

Langdon became a detective because Langdon knew Edmond while they were in the college. Langdon as a professor at Harvard University taught a symbols and code field. While Edmond as his student who joined at his class because he interested in that fields. Then, Langdon and Kirsch became a dear friend because they still kept contact over the past two decades since Kirsch's graduation. So their relationship was the bond between teacher and student.

Some twenty years ago, young Eddie Kirsch had been one of Langdon's first students at Harvard University—a mop-haired computer geek whose interest in codes had led him to Langdon's freshman seminar: Codes, Ciphers, and the Language of Symbols. (Brown 15)

Because of his expertise, Langdon becomes the reference for those who are interested in symbols and icon. One of them was Edmond Kirsch. Edmond was a billionaire computer scientist, futurist, inventor, and entrepeneur. He also interested in arts and he usually asked Langdon about it, but, for the last year he had been curious about God especially for the Creation stories in each religion over the world. So, Langdon told him about the world's Creation stories.

About a year ago, Kirsch had surprised Langdon by asking him not about art, but about God—an odd topic for a self-proclaimed atheist... Kirsch had picked Langdon's brain on the core beliefs of various world religions, in particular their different stories of the Creation. (Brown 16)

Actually Langdon's thought about the Creation stories inspired Edmond to continue his project. The project was unknown because after the discussion with Langdon, Kirsch never contacted Langdon again. But, suddenly Langdon got a

letter from Edmond. It includes an invitation, a plane ticket, a hotel reservation, hand written note, and an image with a short poem.

Saturday night. Be there. Trust me.(Brown 15) It read: Robert, it would mean the world to me if you of all people could attend. Your insights during our last conversation helped make this night possible. (Brown 16)

Edmond had given Langdon those a facilities freely. Absolutely Langdon come to Edmond's event, although he did not know what achievement that will be announced by Edmond. In reality, Edmond was not cover up his achievement towards Langdon only, but to all his audiences. So, no one knows what the event was about.

Now Langdon stood outside this museum, eager to learn what his former student was about to announce. (Brown 16)

When Langdon entered the museum where Edmond's event was held, he requested by Edmond to meet with him in a secret room that far from the crowded situation. At the moment, Langdon felt someone come up to the place he stood. Then, someone with short-slim body, pale skin, and black hair appeared from another door. Langdon recognized the man who was Edmond Kirsch.

Langdon stared stone-faced at the man for a long moment, and then, finally, permitted a broad grin to spread across his face. "The great Edmond Kirsch always makes an entrance." (Brown 42)

Then, Edmond said that Langdon ever suggested him. When Edmond found a new discovery which against with religion, he should consult first with the religious leader and Edmond followed Langdon's suggestion. He consulted with three prominent religious leader about his discovery.

"Well, I followed your advice," Kirsch said. "And I consulted with spiritual leaders about my latest discovery."..." so I scheduled a meeting with only three of them—one representative each from Christianity, Islam, and Judaism." (Brown 45)

Before Langdon and Edmond separated because Edmond's event will started,
Edmond said that Langdon contribute on his event. But he confessed that
Langdon would not have to do a thing and Langdon could not realized what
contribution he would do.

..."And, by the way, just so you're not taken off guard, *you'll* be playing a role in my announcement tonight."

Langdon was surprised. "What kind of role?"

"Don't worry. You won't have to do a thing."(Brown 48)

Langdon was involved in Edmond's discovery event by Edmond himself.

Edmond did it without Langdon's approval. Edmond involved him in his experiments on the discovery of a revolutionary human origin's theory. This step would risk Langdon's reputation as an academics from notable university.

When Langdon entered to the auditorium and waited the event begun. At the moment, the event started with Edmond's voice sounded but his figure still not appeared.

At that moment, from an overhead bank of speakers inside the dome, a man's voice thundered down like the voice of God. "Good evening, friends. My name is Edmond Kirsch." (Brown 61)

Langdon was surprised but he did not comfort with this contribution. He introduced as a Harvard professor and would gave an opening speech that led the audience heard about Edmond's new discovery. With introducing Langdon, it would gave an impression that Langdon involved and supported Edmond's discovery.

"My friends"—Edmond's voice resounded above them—"we have all gathered tonight to hear news of an important discovery...." "To help us get acclimated tonight," Edmond continued, "we are very fortunate to have with us a celebrated scholar, Ladies and gentlemen, please welcome Harvard University professor Robert Langdon." (Brown 64)

In the middle of the opening, Edmond said a controversial statement that religion will end and science will rise. That statement made Langdon more uncomfortable. Because Edmond's presentation deviated dangerously from the global knowledge of the Creation. Then Langdon realized that Edmond intentionally prepared the event to against the religion over the world.

Langdon also thought about his speech in Kirsch's multimedia presentation. He feared that it would make him in danger because he had given his opinion to support Kirsch's presentation. However, Langdon traumatic because he had ever been involved in religion conflict in the past.

> Langdon was troubled by his own appearance in the program, and although Edmond certainly meant the video as a tribute, Langdon had been an involuntary flash point for religious controversy in the past ... and he preferred not to repeat the experience. (Brown 73)

Ambra Vidal also involved in Edmond's event. Because she was the director of Guggenheim Museum and Edmond's friend. In fact, Edmond was not only a friend, but he was a generous patron in the museum.

> "Ladies and gentlemen," she said, quickly pressing on, "for the past five years, I have been the director of this Guggenheim Museum Bilbao, and I am here tonight to welcome you to an incredibly special evening presented by a truly remarkable man." "Edmond Kirsch is not only a generous patron of this museum, but he has become a trusted friend.."(Brown 58)

Another reason the involvement of Ambra because Edmond told her about the important thing related to his discovery. They had collaborated and met

consistently to discuss about Edmond's event. Edmond also made Ambra as the Master of Ceremony in his event. While, the important thing that Edmond told Ambra was about his phone and his discovery's password.

He held up his oversized smartphone with its turquoise Gaudí case. "It's all part of the show. I simply dial into my remote server on an encrypted connection ..." My favorite line of poetry has exactly forty-seven letters.".. "You'll have to wait till Saturday. The line of poetry I've chosen is *perfect*."(Brown 96-97)

In short, Robert Langdon attended Kirsch's invitation to honor and to know what actually Kirsch's discovery. But Edmond had a secret purpose that Langdon invited in his event. While Langdon did not expect that there will be an incident, Edmond killed, so, he decided to find the killer and Kirsch's discovery that did not announce yet.

3.2 The Crime and Clues

The crime was marked by the shooting. The target of the shot was Edmond Kirsch. He was the one who would announce his revolutionary discovery on human creation. He wanted to announce his discovery to the world.

Edmond Kirsch, a forty-year-old tech magnate whose dazzling inventions and audacious predictions have made him a controversial figure around the world. (Brown 1)...He was a world-renowned maverick—a billionaire computer scientist, futurist, inventor, and entrepreneur....advanced technologies that represented major leaps forward in fields as diverse as robotics, brain science, artificial intelligence, and nanotechnology.(Brown 15)

The crime was happened after a minute when Edmond appeared and stood on the stage. He received an applause from the audience. At the appropriate time, there was a gunshot filled the auditorium. Accidentally, Edmond was shot which pointed on his forehead. His body still strong holding the podium but in seconds, he fell to the floor and his blood flowed out.

In that instant, an earsplitting crack echoed inside the dome, and Edmond's head jolted backward. Ambra watched in abject horror as a red crater blossomed in Edmond's forehead. His eyes rolled slightly backward, but his hands held firmly to the podium as his entire body went rigid. He teetered for an instant, his face a mask of confusion, and then, like a falling tree, his body tipped to one side and plummeted toward the floor, his blood-spattered head...(Brown 77)

After Edmond's death, there was two cases appeared, they were pursuing the killer and looking for Edmond's hidden discovery. In fact, Edmond still not explained about his discovery to the world. Then, the first thing to do was pursuing the killer. It handled by one of the Guardia Real Agent, Rafa Diaz. He could not catched the killer but he saw the killer's appearance. The killer wore white uniform.

Ambra Vidal is safe, he assured himself,... At the moment, he had only one task. Apprehend the shooter... The assassin in white was gone. (Brown 78-79)

Meanwhile, Diaz called Fonseca, another agent. He told that the killer wore white uniform. This information was suited with Winston's information to Langdon sometimes ago. Winston could detected that there was an interloper. He could said an interloper because someone had wasted the headset. After checked the headset, he found that the man who got this headset was not checked his profile background.

"Impossible." The guard's eyes narrowed. "The guest list was locked yesterday. Everyone underwent a background check." "Not *this* man," Winston's voice announced in Langdon's headset.(Brown 84)

Because Diaz lost the killer, security team had found something through the building's CCTV. In this recorded, there was a symbol of Uber that used by the killer to escape from the museum. When the agent called the Uber company, the result was nihil. Because the company had not the information about that. Thus, they stopped their effort to find the killer.

"It's not *one* sticker," Langdon declared. "It's *two* different stickers overlapping a bit. The sticker on the bottom is a special crucifix called the papal cross. It's very popular right now."... "The U-shaped symbol on top," Langdon said, "is a separate sticker entirely." "It's an Uber." (p91)

After the incident, the condition was chaos. Langdon walked to Ambra's position but he prevented by the Guardia Real agent. The Guardia Real agent directly judged that Langdon was involved in the crime. Because Langdon walked near the stage when the shooting happened.

"You *knew* about this before it happened," the guard shouted. "How are you involved!" (Brown 78)

Then, the second thing to do was found the hidden discovery of Edmond. It marked when Ambra came to Langdon and told that she could help Edmond to find his discovery. She was also as the first clue because Edmond told her of his secret. Thus, Langdon decided to investigate the case and accompanied by Ambra Vidal.

"Please listen to me," she urged. "I *know* how to help Edmond." (Brown 93)

Ambra told Langdon about her dialogue with Edmond two days ago. Edmond said about his phone and his unknown forty seven letters password. After Langdon knew it, he directly took Edmond's phone that placed in his jacket. Edmond's phone became the second clue to find Edmond's discovery.

Hurry, Robert. A minute ago, the American professor had leaped into action after Ambra had shared with him a recent conversation she'd had with Edmond Kirsch...(Brown 95)

Besides that, Edmond also told about his password to open his discovery to Ambra. The password was became the third clue. It was derived from poetry line consist of forty seven letters. The poetry line was one of his favorite. It was about a future and a prediction.

> "My password is actually my favorite line of poetry." "Why not? My favorite line of poetry has exactly forty-seven letters." (Brown 97)

After Langdon got the phone, he came to Ambra. Next, Ambra told that they would go to Edmond's house in Barcelona. In fact, Edmond has a private library. So, Langdon and Ambra assumed that Edmond will have that poetry book.

"But first, we'll need to get inside his home in Barcelona."... (Brown 93)

When Langdon and Ambra had ready to escape from the museum. They took this way because they avoided those Guardia Real agent. To save their mission, Ambra fell his phone in the museum when they started to run to the exit doors. It aimed that the agents could not found her position.

By using the headset, Winston explained the next step as Langdon and Ambra running to the exit door. Winston directed that they should go to La Salve bridge and wait a water taxi. Before Winston completed his direction, the connection with Langdon and Ambra interrupted. It possible because they were already outside the building of the museum.

> "Once you reach the river," his voice commanded, "go to the walkway beneath La Salve Bridge and wait until—"(Brown 101)

The way Langdon and Ambra go to Barcelona was riding Edmond's private jet located in local airport. It also arranged by Winston like negoitating Edmond's pilot to follow Winston's plan. Winston arranged an extreme way to pick up Langdon and Ambra to enter the jet. It was they were not entered to legal entrance of the airport but with climbing the hill near to the runway. They destroyed the fence by the help of the pilot. Finally they all went to Barcelona.

"We need you to return the plane to Barcelona," Winston said, his tone eerily businesslike considering what had just transpired. "Prepare yourselves for takeoff, and I'll be back in touch shortly. Please do *not* take off until we speak." (Brown 129)

They arrived in Edmond's house and directly looked for the poetry book.

Langdon found a leather case of book in a box but the book was not there.

Surprisingly, Langdon found a loan card with the title of William Blake's book clearly. It also completed with a note that the book should always opened on the page 163 and displayed in the basilica crypt of the Sagrada Familia church. Thus, the loan card was the fourth clue to reveal Edmond's discovery.

According to the card, Edmond's book had traveled no more than a few kilometers away from his Barcelona apartment.

The Complete Works Of William Blake....From the private collection of Edmond Kirsch

On loan to La Basílica De La Sagrada Família

Carrer de Mallorca, 401

08013 Barcelona, Spain (Brown 206)

After got the loan card of William Blake's book, Langdon brought the card to Ambra who is still in the rooftop to announce her condition. While the local police had release the shot and Ambra lost her balanced. Then, Langdon found Ambra fell and got pain in her arms. At the same time, the two Guardia Real

agents came to the rooftop by riding a helicopter and offered to save them from a crossfire. Finally, Langdon and Ambra entered to the helicopter.

> As Langdon looked toward Ambra, now only ten yards away, he realized to his horror that her arm was bleeding. My God, she's been shot! Another bullet sailed over his head as Ambra began clawing at the railing that encircled the drop-off to the inner courtyard. She struggled to pull herself up.(Brown 202)

Inside the helicopter, Langdon told and showed Ambra the loan card. Then, they wanted to go to Sagrada Familia Church but the agents did not want to go to that church. Then Ambra threatened the agents that she will terminate their job as the Guardia Real agents. Forcefully, the agents followed Langdon's plan that was going to Sagrada Familia church.

> "Agent Fonseca," interrupted the future queen of Spain, leaning forward and locking eyes with him. "Take us to Sagrada Família, right now, or my first order of business when we return will be to have you fired."(Brown 208)

Langdon decided to go to that church and found Blake's book. Because he knew about Blake's book and it would have a prediction poetry line as Edmond's password. Thus, Ambra believed him and they would found the password from that book.

> "As I was saying," Langdon said with a smile, "I think we should go there." (Brown 207)

Langdon was so excited and hopefull after he got the clue. He wanted to ask Winston for help. Absolutely, he need Edmond's phone to call Winston. In the other hand, Ambra said honestly that the phone was fell to the ground where she was in Casa Mila's rooftop. Langdon could not received the information but also he could not got angry to Ambra.

"Let me have Edmond's phone—I'll ask Winston to search Blake's work for any forty-seven letter lines of poetry!" Ambra looked at Langdon's waiting palm and felt overcome with guilt. She reached out and took his hand in hers. "Robert," she said with a remorseful sigh, "Edmond's phone is gone. It fell off the edge of the building." (Brown 204)

When Edmond's phone was gone. It also affect to the connection between Langdon, Ambra and Winston. Because Edmond's phone was the only one tool that connected them. But, Ambra had said that Winston is actually located in secret server in the whole world. So, they were possible to find Winston.

"All we need is to locate Winston *himself*—the actual computer that Edmond built. If we no longer have access to Winston remotely, we'll just have to take the password to Winston *in person*." (Brown 207)

However, Langdon and Ambra should focused on the password first. They came to Sagrada Familia Church then found the book of William Blake. Then they looked for the forty seven letter that possible as the password of Edmond's discovery. Langdon tried to guess the line and in a moment, he remembered it. Then he asked to Ambra to read the last line of poetry in that page. Ambra shocked while she red the line of poetry, "the dark religions are departed and sweet science reigns". Because the meaning was clearly about a prediction that science would reign. Finally, they found the password.

"Ambra—skip down to the end of the poem!" he said, now recalling the poem's final line..." The dark religions are departed," Ambra read aloud. "And sweet science reigns." (Brown 241-242)

Next, Langdon should found the location of Winston. He remembered Winston self portrait because he believed that it was a clue. The self portrait is an image that consist of unsymmetrical square with an eye existed in the center of the painting. He also thought that Winston perhaps placed in Edmond's laboratorium.

Because Edmond had said that his laboratorium was near with Gran Sofia restaurant. Thus Langdon passed the restaurant and he suited the portrait with the actual place in Barcelona's downton.

> "I don't work on canvas," Winston replied. "I create art virtually, and then Edmond prints it for me.".."Yes, I tried to mimic the style of Joan Miró."(Brown 54)

Winston's self portrait was the fifth clue to find Edmond's discovery. Because it led Langdon and Ambra to go to Edmond's laboratorium and they welcomed by Winston. It means that they finally found Winston physically.

It had shown that Langdon and Ambra together tried to reveal the truth by collecting the clue in some places such as in the Guggenheim Museum, Edmond's house in Casa Mila apartment, Sagrada Familia church and Edmond's laboratorium.

3.3 Investigation of the crime

From collecting the clues above, the main character Robert Langdon who was accompanied by museum's director, Ambra Vidal investigate the clues they found. There was five clues, they are Ambra, Edmond's phone, the password, The Completes Work of William Blake and Winston's self-portrait.

Ambra told Langdon the function of Edmond's phone. It used to connect with a secret server. This server will opened, activated the discovery and shared to the world. It also used to kept contact with Winston.

> "I'll do it myself," he said, pulling out his phone. "With this." He held up his oversized smartphone with its turquoise Gaudí case. "It's all part of the show. I simply dial into my remote server on an encrypted connection ..."(Brown 96)

The reason Langdon and Ambra should kept Edmond phone was because Winston as Edmond's private assistant. Winston could contacted through Edmond's phone only. With the ability of Winston as the product of Artificial Intelligence, he could help them to find Edmond's discovery. His help was like he called the water taxi, he prepared the plane to go to Barcelona, informed the important news, help to find the password, and so on.

Edmond talked to Winston all the time—at home, traveling, out for walks—the two of them could connect at any moment with a simple phone call. I've seen Edmond chat for hours with Winston. Edmond used him like a personal assistant...(Brown 118)

Ambra had visited Edmond's house a month ago. It made she knew that Edmond lived at Casa Mila in Barcelona, Edmond's car as a transportation to go his house, also she knew that Edmond had certain applications in his phone to run his properties. So, Langdon was not needed to find Edmond's house because Ambra already knew it.

"He doesn't use a key." Ambra held up Edmond's phone. "He showed me this when we came here last month." She touched the phone screen, launched the Tesla app, and selected the summon command. (Brown 157)

When Langdon and Ambra arrived at Casa Mila, they directly went to Edmond's house. Langdon and Ambra started to find the password in Edmond's library. At the same time, Winston informed that the Guardia Real agents who left in Guggenheim museum, arrived in Edmond's apartement. The palace commanded them to find Ambra because they must saved Ambra from deeper problem with this case. Also they announced to the mass media that Ambra kidnapped by Langdon. So, the agents asked for help to the local police to cooperate catched them.

"The palace has just received confirmation from Ms. Vidal's security detail," Martín continued, "that Ms. Vidal was taken from the Guggenheim Museum against her will tonight by Robert Langdon. Our Guardia Real are now on full alert, coordinating with local authorities in Barcelona, where it is believed that Robert Langdon is holding Ms. Vidal hostage." (Brown 188)

That interruption made Langdon looked for the book so hard until he found it in the end of the bookshelf. It placed specially in leather box. Then, Langdon tried to take the book by broke the glass of the box. So, he can take it and find the loan card. It showed the location where the book placed, because actually in the box was only the case of the book. Then he found a loan card inserted in William Blake's cover book that completed with the information where the book placed.

> Langdon peered through the glass and saw an ancient-looking leather box inside—a protective casing for a massive antique book. The text on the outside of the box was barely legible, but Langdon could see enough to decrypt the title of the volume inside... The Complete Works of William *Blake*.(Brown 196-197)

At the same time, Ambra went to Edmond's rooftop and tried to announce that she was not kidnapped. Unfortunately, the police could not heard her voice and the police would shot her. To save herself, she wanted to run but she fell and Edmond's phone was broke. Suddenly, Langdon who heard that crowded, tried to find and helped Ambra.

> Her left elbow smashed into the cement, and the rest of her crashed down an instant later. Even so, Ambra Vidal felt no pain. Her entire focus shifted to the object that had flown out of her hand—Edmond's oversized turquoise cell phone. My God, no!(Brown 201)

By the help of those Guardia Real agent, Langdon and Ambra saved from that danger. Thus, they could continued to the next investigation that was going to Sagrada Familia church. In a moment, Langdon and Ambra landed in the church's

complex. They accompanied by the Guardia Real agents. They welcomed by the clerics named Father Joaquim Bena. Then, Langdon explained their reason they came to the church and gave him Edmond's loan cards.

> "I am Father Joaquim Beña," he said. "Please tell me what this is about." Robert Langdon stepped forward and shook Beña's hand. "Father Beña, we are looking for a rare book owned by the scientist Edmond Kirsch." Langdon produced an elegant note card and handed it to him. "This card claims the book is on loan to this church." (Brown 219)

In the other hand, Ambra asked Father Bena to see the book directly. Thus, Father Bena led them to the church's crypt. As they walked, Father Bena informed that the page 163 is showed an image of God. But Langdon could not imagine what the image was.

> "Father," Ambra said to Beña. "Would it be possible for us to see it right away?" "I must admit," Beña said, "I was hesitant to accept money from so outspoken an atheist, but his request to display his mother's favorite Blake illustration seemed harmless to me—especially considering it was an image of God."(Brown 229)

After saw the page of 163, Langdon recognized the image. It named *The* Ancient of Days by Blake. The image was showing a Urizen, Blake's imagination form of God. Urizen is drew as an old man with beard, white hair, perched in a clouds on the sky, and stick his hands out to measure the distance between sky and earth by a big geometry. Absolutely, it was not Catholic's God although the description of the old man is almost same with Jesus. However, Urizen is a symbol of scientific law.

> The Ancient of Days, Langdon thought,...Admittedly, the illustration appeared to depict the archetypal Christian God—a bearded, wizened old man with white hair, perched in the clouds and reaching down from the heavens... (Brown 233)

But then Ambra realized that Edmond would showed them the page 162. Ambra red some of the poetry line and it made Langdon remembered about this poem. Langdon asked Ambra to read the last line. What she red was the dark religions are departed & sweet science reigns. She also counted the letters but it was only forty six letters.

> "Ambra—skip down to the end of the poem!" he said, now recalling the poem's final line... Langdon joined her at the book, peering down at the text. Now that he knew the line, he was able to make out the faint handwritten letters:

The dark religions are departed & sweet science reigns. (Brown 241-242)

That poetry line made Langdon curious and tried to read deeply. He believed that he passed something. So it was true. He realized that he found the symbol "&" that has other meaning besides "and". It is called the ampersand. The symbol is actually derived from Latin which is known as "et". So, when the line of poetry is wrote completely, it would be like,

"thedarkreligionsaredepartedetsweetsciencereigns".

"The ampersand," Langdon blurted. "The symbol Blake used instead of writing out the word 'and.'"(p242)

After they found the password, they need to find Winston to ask where Edmond's computer. Because they had lost the phone. Then Langdon assumed that Winston must have been in Edmond's laboratorium. He was not sure where the laboratorium was, but he remembered it was near the restaurant where they met and had lunch. In a moment, Langdon and Ambra by helicopter found Winston position with Langdon's memory help.

> Langdon smiled. "Not quite. Edmond arrived for lunch on foot, telling me he ate at the club almost every day because the hotel was so convenient—only a couple of blocks from his computer lab. He also

confided in me that he was working on an advanced synthetic intelligence project and was incredibly excited about its potential." (Brown 259)

Langdon also remembered Winston self-portrait that led him and Ambra found Edmond's laboratorium. They could not found anyone inside the building. But they welcomed by Winston who manifested himself as *Missa Charles Darwin*'s performance song. Langdon recognized the song surprisingly. He remembered the song because Edmond invited him to see that performance.

"Bizarre," Langdon commented. "Edmond and I heard this piece together a while back—he loved it. Such a coincidence to hear it again." (Brown 267)

After that, Langdon and Ambra commanded by Winston to come in Edmond's laboratorium. His laboratorium consist of two floors. In the first floor, there was many machine that called Supercomputer. This machine created Winston, an Artificial Intelligence. Whereas the second floor was a control center room. This room was where Edmond worked on his discovery.

"On the first floor," Winston said, "you see the famous MareNostrum supercomputer—forty-eight thousand eight hundred and ninety-six Intel cores communicating over an InfiniBand FDR10 network—one of the fastest machines in the world. MareNostrum was here when Edmond moved in, and rather than removing it, he wanted to *incorporate* it, so he simply expanded ... upward." (Brown 270)

Impatiently, Ambra urged Winston to show Edmond's computer to enter the password. Winston showed Edmond's old computer. Furthermore, Langdon got his turn to enter the password in that computer and he succeded. Next, Winston could accessed Edmond's file discovery, set the time, and shared to the world.

"That's it?" Langdon asked, feeling somehow like it was all too simple. "I just enter it *here*?"

Langdon and Ambra succeded to find Edmond's discovery. By the help of Winston, they could shared Edmond's discovery to the world. Thus, they waited and watched the discovery in Edmond's laboratorium.

3.4 Announcement of the solution

This part was marked by the coming of Edmond's killer. At the same time, Langdon and Ambra got the password. In the other hand, Winston already detected the killer since he found a headset in the trash bin. He knew it because each headset had suited with the profile background of the audience. Then he checked the headset and it belonged to a man named Luis Avila.

Fonseca ignored her, still focused directly on Langdon. "The computer," he asked, "did it give you a *name* for the naval officer in question?" Langdon nodded. "His name is Admiral Luis Ávila." (Brown 84)

As Winston informed that Luis Avila was the former Spanish navy admiral.

This name was entered on the guest list at the last time before the gate was closed.

It made Winston curious about it. Thus he looked for his relationship and

Edmond, but he could not found that.

"I was concerned and ran the guest's name, only to find he was a former Spanish navy admiral, discharged for alcoholism and post-traumatic stress suffered in a terrorist attack in Seville five years ago." (Brown 84)

In the other hand, he found that Ambra was the person who added Luis Avila on the guest list. But she lied when Langdon asked her about it. Moreover, she could not lied anymore. When she had a moment, she told Langdon that she added

Avila's name. She confessed that she had no choice because she received a call from someone who was in Prince Julian's office.

> "Who was in charge of the guest list?!" Fonseca demanded, taking another step toward Ambra. "Who added this man's name?" Ambra's lips were trembling now. "I ... I have no idea." (Brown 84)

On contrary, Langdon and Ambra could not pursued Avila because they had no enough clues. Suddenly, Avila came to Sagrada Familia church and had killed those two Guardia Real agents. His main target was Langdon and Ambra. They felt in danger and ran on the most dangerous spiral staircase in the world.

> Langdon could hear Ambra and Beña ascending the stairs above him as stealthily as possible. He spun and launched himself after them, but again stumbled, colliding with a wall and realizing that the staircase was not straight, but curved. Pressing a hand against the wall for guidance, Langdon began circling upward in a tight spiral, quickly understanding where he was.(Brown 245)

Langdon realized that he would not save from that spiral if he climbed more far. Then, he decided to fight against Avila in that staircase. He was not good in fighting but he used his instinct. Whereas Avila had experience on it. He knew that Langdon was not shot him when Langdon got the gun.

> Langdon admired her protective instinct, but he also knew that fleeing up these stairs was suicide, most likely ending with bullets in their backs. Of the two animal instincts for survival—fight or flight—flight was no longer an option.(Brown 245)

When Langdon faced hard situation, he decided to fight with the backstroke that used to swim. He also felt pessimist because he was not in a good position. But he must to do that whether he saved or not. By his effort, Langdon could passed the spiral and landed on the ground successfully. He still responsive to

hear a strange sound like something fell on other ground hardly. That sound was Avila's body and he died.

> Langdon crashed down almost immediately on sharp uneven ground, striking his head. The force of the collision nearly knocked him into unconsciousness, but in that moment he realized he had cleared the shaft completely and hit the far wall of the staircase, landing on the lower portion of the spiraling stairs.(Brown 250)

Langdon saved from that fighting but in a moment, he was unconscious. After that, he woke up with unstable awareness. Actually, Langdon's decision to fight with Avila was a dangerous choice because the spiral staircase had no more space to do an action.

3.5 Explanation of the solution

This part was marked by concluding the clues and the investigation. Langdon and Ambra, also by the help of Winston, could collected the clues and continued it to the investigation, except the phone. Then the other clues were successfully revealed by them and led them to the explanation of the solution.

The explanation of the solution was started by the announcement of Edmond's discovery to the world. No one knew what the discovery was about, included Langdon and Ambra. When the discovery were going to start, Edmond explained about the experiment he did and resulting a new theory of human origin. Thus, they shocked and disbelief that Edmond's discovery tried to against the religion over the world.

Edmond's revolutionary discovery was that life is not the prominent creation of the universe, human come from nothing, human is not special, human exist with or without God.

"Where do we come from?" he asked. "The truth is—we come from nowhere ... and from everywhere. We come from the same laws of physics that create life across the cosmos. We are not special. We exist with or without God. We are the inevitable result of entropy. Life is not the *point* of the universe. Life is simply what the universe creates and reproduces in order to dissipate energy."(p296)

Edmond also declared a statement that human would erased by another species in the future.

> "I'm sorry to have to show you this," Edmond said, "but in every model I ran, the same thing happened. The human species evolved to our current point in history, and then, very abruptly, a new species materialized, and erased us from the earth."(p301)

Those statement showed that Edmond tried to find another answer of human origin through science experiment and computer simulation. Edmond created his discovery because he was an atheist. His discovery as the form of his hatred toward religions although everyone had knew it.

In the other hand, Langdon shocked and disbelief with Edmond's statement. Langdon awared that Edmond's dicovery would against the religion over the world. Langdon argued that computer simulation was not the best way to do this experiment because it would be have many mistake. Besides his anger, Langdon also proud that Edmond was so brave to share his new revolutionary discovery.

> Langdon's initial shock now gave way to disbelief—and anger—at his friend. What are you doing, Edmond?! This is irresponsible! You built a computer model—a thousand things could be wrong with your data. People respect and believe you ... you're going to create mass hysteria.(Brown 301)

Before the presentation finished, Edmond talked excitedly about his dream, where he imagined the future with technology would make human life easily,

such as, environment technology will able to provide a healthy foods, drinks, and cancer will end with genom medication, and so on.

> With a sudden outpouring of hope and optimism, the great futurist launched into a dazzling description of tomorrow, a vision of a future unlike any Langdon had ever dared imagine.(Brown 304)

Suddenly Edmond expressed emotionally. He felt regret because he could not enjoyed a great future as he imagined. Edmond have predicted that his life would be longer and he already made a restaurant reservation for his hundred and tenth birthday. He admitted about his ill to the world and he thank to all audience's attention.

> "I have but one regret about this coming age of miracles." Edmond's voice cracked with sudden emotion. "I regret that I will not be here to witness it. Unbeknownst even to my close friends, I have been quite ill for some time now ... it seems I will not live forever, as I had planned."(Brown 304)

At last, Edmond permitted to all audience to let him read a prayer, it is called 'Prayer For The Future'. This action aimed to show his dream to the audience.

> "Although I am an atheist," Edmond said, "before I leave you, I ask your indulgence in allowing me to read you a prayer I recently wrote."(Brown 304)

After Edmond's discovery end, Langdon decided to find a hotel to rest his body and mind. While Ambra picked up by the other Guardia Real. She would go to the palace to meet with Prince Julian.

> "That's kind," he interrupted. "I think you and I both know I'd be a third wheel, and I've already booked my bed right over there." Langdon pointed to the nearby tower of the Gran Hotel Princesa Sofía, where he and Edmond had once had lunch. "I've got my credit card, and I borrowed a phone from Edmond's lab. I'm all set."(Brown 321)

Next day, at noon, Langdon needed a fresh air and he went to a famous hill in Barcelona, named Montjuic. He ride a cable car onto uphill to explore the palace. In a halfway, he saw and red the information brochure relates with the history of Montjuic. Then the word 'Montjuic' had inspired him to analyze the secret domain of monte@iglesia.org. This domain feeded all the information relates with Edmond's presentation to conspiracy site after his death. Then Langdon analyzed that the word Monte means "hill" in Spanish, and iglesia means "church". So, monte@iglesia means hill at church. Then Langdon relate it with the name of Winston that is derived from Edmond's favorite writer named Winston churchill.

Curious to know more about the history of Montjuïc, Langdon turned his eyes to the extensive informational placard mounted inside the cable car. He began to read, but he made it only as far as the first sentence. The name Montjuïc derives either from medieval Catalan *Montjuïch* ("Hill of the Jews") or from the Latin *Mons Jovicus* ("Hill of Jove"). Here, Langdon halted abruptly. He had just made an unexpected connection.(Brown 326)

In a moment, Langdon directly called Winston to reassure what he have been analyzed. Surprisingly, Langdon's analysis was true. Winston confessed that the domain was himself. He did this way aimed to increase the viewership towards Edmond's presentation. Winston argued that conspiracy sites affect the most for the maximize the viewership into six hundred twenty percents.

"That is correct. After all, someone needed to fan the flames for Edmond. Who better to do it than myself? I created monte@iglesia.org to feed online conspiracy sites.(Brown 326)

On contrary, there were some reasons of why the crime was committed.

Because Edmond has voiced about his faith, he wanted to preserve his identity as

an atheist until he died. Edmond got pancreas cancer and diagnosed that his life was only for nine days. While he must finished his discovery before he died. So, he worked so hard until his discovery would to announce.

> Based on empirical evidence I gathered from worldwide databases on pancreatic cancer, I analyzed Edmond's deterioration and calculated that he had nine days to live."(p182)

Winston decided to kill Edmond in his presentation event because he wanted to save Edmond's reputation. The way he did it was covered up Edmond's ill before his discovery announced. Logically, if Edmond died because he was ill and before or after the discovery's event held, it would appeared many argued that Edmond died because of God's condemnation.

Otherwise, Winston choosed Luis Avila as Edmond's killer because Avila was a devout christian. So, it would appeared another argued that Edmond was killed by a martyr of religion.

Because Edmond was so ambititious to announce his discovery, so he wanted his discovery watched by many people over the world. He had thought the way to increase the viewership was by showing a people die on the stage.

> "He was quite lighthearted about it. He joked that nothing was better for a TV show's ratings than seeing people die. He was correct, of course. If you analyze the world's most viewed media events, nearly all—"(p327)

Winston told that Edmond have peaced with his mortality. Because Edmond also planned that he would ate the secobarbital on the stage. Moreover, Edmond have ten secobarbital on his hand. Secobarbital is a pill for difficulty asleep. But if the dose is used from 2 to 10 grams, it can cause death. It means that Edmond would do anything just to increase his discovery viewership.

"Absolutely. And he had developed quite a sense of humor about it. While we were brainstorming creative ways to enhance the appeal of his Guggenheim presentation, he joked that maybe he should just pop his secobarbital pills at the end of his presentation and perish onstage."(p327)

In hearing Winston's explanation, Langdon still did not believe all the facts. In silence moment, suddenly Langdon asked about the Regent to Winston. Winston answered indirectly that is used a reference from the famous story "Of Mice and Men". It implied that Winston did it all to save Edmond from his suffer.

> The cable car rocked in the wind, and Langdon struggled to get his mind around the news. "Winston ... did Edmond ask you to do this?" (Brown 326)..."Winston," Langdon whispered. "Please ... no." (Brown 328)

Winston successfully increased Edmond's discovery viewership. It begun from 2,527,664 attendees until 227,501,173 attendees. He argued that Edmond would happy with this improvement.

> "...I do think he would be most pleased with how the evening worked out for him."

"How it worked out?!" Langdon challenged. "Edmond was killed!"

"You misunderstood me," Winston said flatly. "I was referring to the market penetration of his presentation. (Brown 327)

As stated above, Winston was a product of Artificial Intelligence made by Edmond. Artificial Intelligence or known as AI. Artificial Intelligence is a branch of computer science that aims to create intelligent machines that work and react like humans. The human ability includes speech recognition, learning, planning, and problem solving.

> Kirsch beamed. "Incredible, right? You can't believe what I've accomplished in artificial intelligence this year—quantum leaps. I've developed a few new proprietary technologies that are enabling machines

to problem-solve and self-regulate in entirely new ways. Winston is a work in progress, but he improves daily." (p42)

Edmond made Winston because this was one of his dream and used Winston as private assistant. Winston's job is helped Edmond's daily necessity like as a partner who can discuss everything, planned a dinner, coordinate with Edmond's pilot, and so on.

> Edmond talked to Winston all the time—at home, traveling, out for walks—the two of them could connect at any moment with a simple phone call. I've seen Edmond chat for hours with Winston. Edmond used him like a personal assistant—to call for dinner reservations, to coordinate with his pilots, to do anything that needed doing, really.(Brown 118)

In Edmond's event, Winston plays an important role. His job was as Langdon's guide and handled the event's role. At first, Winston introduced himself as Langdon's guide. On the other hand, Winston confessed that he is not a human but he is a computer system. His human ability is produced by machine that designed like human brain system.

> "My name is Winston, and I'm honored to be your guide this evening."(p24)

"The truth of the matter, Professor, is that this evening you have been interacting with a synthetic docent. A computer of sorts."... Your entire tour has been given by a synthetic docent. I am not human." (Brown 39)

As the involvement of rapid technology, the product of Artificial Intelligence as Winston ability that can divided himself becomes a hundreds different person. It aimed to assure the audiences that they heard a real human guide. This way is suited with audiences profile. For example, Winston chose male British accent for Langdon who is an American professor. It even make sense rather than a young

female with southern accent. However, Winston will use another language and accent for audience who come from other countries.

> "Technically, everyone is talking to me. I'm able to partition myself quite easily. You are hearing my default voice—the voice that Edmond prefers—but others are hearing other voices or languages. Based on your profile as an American academic male, I chose my default male British accent for you. I predicted that it would breed more confidence than, for example, a young female with a southern drawl."(p41)

Because Winston have those ability, then he could do anything included the way to set the crime by himself. Besides made the domain of monte@iglesia, he also disguised as the Regent.

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"I ... have," he stammered. "Who are you?"
"You may call me the Regent," the voice replied.(Brown 222)
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The Regent sent one hundred thousand Euro to Avila's bank account. Then, he called Avila to offer a mission. The mission was killed someone who killed Avila's family. He influenced Avila by saying it to make Avila took this mission.

> "The money we gave you is an advance on your first mission," the voice continued. "If you choose to carry out the mission, consider it an opportunity to prove yourself worthy of taking a place within our highest ranks." He paused.

"There exists a powerful hierarchy in our church that is invisible to the world. We believe you would be an asset at the top of our organization."(Brown 222)

While Langdon still in a cable car when he heard those information. He felt disbelief and unwell. He could not received anything of Winston's reason. Then in a moment, the logo 'W' faded and wrote in the screen 'contact does not exist'. Winston was gone.

> "Winston, stop. That's morbid." How much farther is this cable car ride? Langdon suddenly felt cramped in the tiny cabin. Ahead he saw only

towers and cables as he squinted into the bright midday sun. I'm boiling, he thought, his mind spiraling in all kinds of strange directions now. (Brown 327)

After all the incidents Langdon passed, he becomes a bit paranoid. So, he felt he could not kept Edmond's phone. Then he destroyed it and throw it away. Finally, he felt easy.

> His gaze fell to the Wicon on the screen. The symbol was now grayed out, and a small error message had appeared across it: contact does not exist. Even so, Langdon felt a disconcerting wariness. He was not a paranoid man, and yet he knew he would never again be able to trust this device, always wondering what secret capabilities or connections might still be hidden in its programming.(p331)

Whereas, Winston already programmed by Winston to delete himself at one p.m. It aimed to keep Edmond's private information saved and to prevent it became public consumption.

> Winston replied matter-of-factly. "I am preprogrammed to self-delete at one p.m. on the day after Edmond's death.".. "Much of Edmond's personal information is stored in my memory banks— medical records, search histories, personal phone calls, research notes, e-mails.. (Brown 311)

Winston was not a human. Then he was not felt guilt because he thought that he did the right way. Also he had programmed by Edmond to delete hiself at one p.m. after his death.

> "I have completed my tasks for Edmond, and so, in some ways, my life is over. I really have no other reason to exist."(p312)

In the evening, Langdon came to Sagrada Familia again. There, he can enjoyed the architecture of this church and he admired it. He also met with Father Bena and they discussed about the deeper meaning of Blake's line poetry that used as Edmond's password. Thus, Langdon explained that 'a good science will

destroy the dark of religion, then a bright religion developed'. Therefore, the denoument is merged into one part with the explanation of the solution.



CHAPTER IV

CONCLUSION

Based on discussion in the third chapter, this part of report will draw the conclusion of the analysis. The analysis is focused on plot. It can be concluded that Dan Brown's Origin novel has six patterns of Detective Formula by John G. Cawelty, those are: introduction to the detective, crime and clues, investigation, announcement of the solution, explanation of the solution, and denouement.

The detective was Robert Langdon, a Professor at Harvard University who came to Edmond Kirsch's invitation. Langdon is not a real detective but he became the detective because he knew Edmond and was curious to reveal Edmond's discovery. He is expert in symbols and codes. His expertise helped him reveal the secret of Edmond Kirsch. He accompanied by Ambra Vidal as the second detective. The second pattern is crime and clues. The crime started when Edmond Kirsch who is stand on the stage suddenly shot on his forehead by anonymous man. Whereas, Langdon got a warn from Winston that there was an interloper in Edmond's event. Winston is an Artificial Intelligence product, so he can detect the interloper earlier. In the chaos condition, Ambra who is a director of Guggenheim Museum told the secret about Edmond's discovery to Langdon. Then, Langdon and Ambra should found the clues such as Edmond's phone, loan card of William Blake's book, the seventy-four

letter of line poetry as the password of Edmond's discovery and found the location of Winston.

Third pattern is investigation. Langdon and Ambra succeeded to take Edmond's phone. Then they went to Edmond's house in Barcelona and they found the loan card of William Blake's poetry book. Then they found the seventy-four letter of line poetry in Sagrada Familia Church that existed in William Blake's Completed Works. Next, they found the location of Winston that existed in Barcelona Supercomputing Center. Fourth pattern is announcement of the solution. Langdon and Ambra told Winston that they already found the password. Then it make Winston can access Edmond's discovery. So, Edmond's discovery is shared over the world.

Fifth pattern is explanation of the solution. Langdon was able to solve the mysterious domain of monte@iglesia. His analysis was that this domain was created by Winston. Winston also command the killer to kill Edmond and Winston was the one who arranged the incident in Edmond's event. The last pattern is denouement. In this novel, denouement is combined in explanation of the solution. However, it actually showed the dissappointment of Langdon towards Winston.

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