CHAPTER IV

FINDING AND DISCUSSION

This chapter presents the finding and discussion of the study. In finding, the writer describes the process of collecting the data and the results of analyzing the readability text by using Flesch readability formula which has been stated in the previous chapter. While in discussion, the result of finding the data is discussed.

A. Finding

In analyzing the data, the first step that was done by the writer was by counting the sentences, the second was by counting the words, the third was by counting the syllables, and counting all of them by using Flesch readability formula. The writer, then, found the readability level based on the table of reading ease score (table 2.2).

1. The Counting of Sentences, Words, and Syllables

As what has been mentioned before that the first step was done in analyzing the data was by counting the sentences, words, and syllables. The result of counting them is as follows.

Text 1 entitled *An Unforgettable Experience* has 28 sentences, 311 words, and 432 syllables. Then text 2 entitled *John's English Teacher* has 19 sentences, 290 words, and 429 syllables. Text entitled *How to Develop*

Tourism in Indonesia or text 3 has 9 sentences, 188 words, and 375 syllables. The result counting of 20 sentences, 256 words, and 354 syllables belongs to text 4 with the title *Steve's Favorite Sport*. Then 24 sentences, 372 words, and 586 syllables are the result counting of text entitled *Life in Ancient Rome* or text 5. Text number 6 with the title *Healthy Life* has 4 sentences, 91 words, and 160 syllables. The last is text 7 entitled *Rossi Sweeps to Australian GP Victory* has result counting of 14 sentences, 408 words, and 678 syllables.

The following table is the result summarizing of the sentences, words, and syllables counting:

Number of Text	Sentences	Words	Syllables
Text 1	28	311	432
Text 2	19	290	429
Text 3	9	188	375
Text 4	20	256	354
Text 5	24	372	586
Text 6	4	91	160
Text 7	14	408	678

Table 4.1 Table of Sentences, Words, and Syllables Counting

After finding the counting of sentences, words, and syllables as in table 4.1, then the writer measured all of them using Flesch readability formula.

2. The Calculation of Each Text

The next step that was done by the writer to analyze the data was by calculate the result counting of each sentence, word, and syllable by using Flesch readability formula.

The pattern of the Flesch readability formula is:

RE = 206.835 - (1.015 X ASL) - (84.6 X ASW)

Where **RE** = Readability Ease

- ASL = Average Sentence Length (the number of words divided by the number of sentences)
- ASW = Average Number of Syllables per Word (the number of syllables divided by the number of words)
- 1. Text 1 is about *An Unforgettable Experience* (see the text, the classification of sentences, words, and syllables in appendix A).

Number of Sentences = 28

Number of Words = 311

Number of Syllables = 432

The formula:

RE = 206.835 - (1.015 X ASL) - (84.6 X ASW) ASL = Number of words : Number of sentences = 311 : 28 = 11.107 ASW = Number of syllables : Number of words

= 432 : 311 = 1.389

The result finding of text 1 is 78.0516; it means that the text is fairly easy for the description of style because it is in 70 - 80 reading ease score. And the estimated reading grade is 7^{th} grade, or in other words, the text is appropriate for first grade of Junior High School.

2. Text 2 is about *John's English Teacher* (see the text, the classification of sentences, words, and syllables in appendix B).

Number of Sentences = 19

Number of Words = 290

Number of Syllables = 429

The formula:

RE = 206.835 - (1.015 X ASL) - (84.6 X ASW)

ASL = Number of words : Number of sentences

= 290 : 19 = 15.263

ASW = Number of syllables : Number of words

= 429 : 290 = 1.479

RE = 206.835 - (1.015 X 15.263) - (84.6 X 1.479)

$$= 206.835 - 15.49 - 125.1234$$

= 66.2216

The finding result of text 2 is 66.2216; it means that the text is standard for the description of style because it is in 60 - 70 reading ease score. And the estimated reading grade is 8^{th} and 9^{th} grade, or in other words, the text is appropriate for second and third grade of Junior High School.

3. Text 3 is about *How to Develop Tourism in Indonesia* (see the text, the classification of sentences, words, and syllables in appendix C).

Number of Sentences = 9

Number of Words = 188

Number of Syllables = 375

The formula:

RE =
$$206.835 - (1.015 \text{ X ASL}) - (84.6 \text{ X ASW})$$

ASL = Number of words : Number of sentences

= 188 : 9 = 20.89

ASW = Number of syllables : Number of words

= 375 : 188 = 1.995

RE =
$$206.835 - (1.015 \times 20.89) - (84.6 \times 1.995)$$

= $206.835 - 21.203 - 168.777$
= 16.855

The finding result of text 3 is 16.855; it means that the text is very difficult for the description of style because it is in 0 - 30 reading ease score. And the estimated reading grade is college graduated.

Text 4 is about *Steve's Favorite Sport* (see the text, the classification of sentences, words, and syllables in appendix D).

Number of Sentences = 20

Number of Words = 256

Number of Syllables = 354

The formula:

RE =
$$206.835 - (1.015 \text{ X ASL}) - (84.6 \text{ X ASW})$$

ASL = Number of words : Number of sentences

= 256 : 20 = 12.8

ASW = Number of syllables : Number of words = 354 : 256 = 1.383

RE =
$$206.835 - (1.015 \text{ X } 12.8) - (84.6 \text{ X } 1.383)$$

= 206.835 - 12.992 - 117.002

= 76.841

The finding result of text 4 is 76.841; it means that the text is fairly easy for the description of style because it is in 70 - 80 reading

ease score. And the estimated reading grade is 7th grade, or in other words, the text is appropriate for first grade of Junior High School.

5. Text 5 is about *Life in Ancient Rome* (see the text, the classification of sentences, words, and syllables in appendix E).

Numb	per of Sentences $= 24$
Numb	per of Words = 372
Numb	per of Syllables = 586
The f	ormula:
RE	= 206.835 - (1.015 X ASL) - (84.6 X ASW)
ASL	= Number of words : Number of sentences
	= 372: 24 = 15.5
ASW	= Number of syllables : Number of words
	= 586 : 372 = 1.575
RE	= 206.835 - (1.015 X 15.5) - (84.6 X 1.575)
	= 206.835 - 15.7325 - 133.245
	= 57.8575

The finding result of text 5 is 57.8575; it means that the text is fairly difficult for the description of style because it is in 50 - 60 reading ease score. And the estimated reading grade is $10^{\text{th}} - 12^{\text{th}}$ grade, or in other words, the text is appropriate for first to third grade of Senior High School.

6. Text 6 is about *Healthy Life* (see the text, the classification of sentences,

words, and syllables in appendix F).

Number of Sentences = 4

Number of Words = 91 Number of Syllables = 160

The formula:

RE	= 206.835 - (1.015 X ASL) - (84.6 X ASW)
ASL	= Number of words : Number of sentences
	= 91: 4 = 22.75
ASW	= Number of syllables : Number of words
	= 160 : 91 = 1.758
RE	$= 206.835 - (1.015 \times 22.75) - (84.6 \times 1.758)$
	= 206.835 - 23.091 - 148.7268

= 35.0172

The finding result of text 6 is 35.0172; it means that the text is difficult for the description of style because it is in 30 - 50 reading ease score. And the estimated reading grade is $13^{\text{th}} - 16^{\text{th}}$ grade, or in other words, the text is appropriate for college grade.

7. Text 7 is about *Rossi Sweeps to Australian GP Victory* (see the text, the classification of sentences, words, and syllables in appendix G).

Number of Sentences = 14

Number of Words = 408

Number of Syllables = 678

The formula:

RE =
$$206.835 - (1.015 \text{ X ASL}) - (84.6 \text{ X ASW})$$

ASL = Number of words : Number of sentences
= $408 : 14 = 29.143$
ASW = Number of syllables : Number of words
= $678 : 408 = 1.662$
RE = $206.835 - (1.015 \text{ X } 29.143) - (84.6 \text{ X } 1.662)$
= $206.835 - 29.58 - 140.6052$
= 36.6498

The finding result of text 7 is 36.6498; it means that the text is difficult for the description of style because it is in 30 - 50 reading ease score. And the estimated reading grade is $13^{\text{th}} - 16^{\text{th}}$ grade, or in other words, the text is appropriate for college grade.

From the calculation above, the writer concluded that the result of Flesch readability score of the reading text of English textbook entitled Linked to the World 1 English for Senior High School published by Yudhistira are:

The result of readability level of text 1 is 78.0516 and text 4 is 76.841, it means that both of the text 1 and text 4 are in the reading ease score of 70 - 80, the description of style is fairly easy and the estimated reading grade is 7th grade or it is suitable for first grade of Junior High

School. The text number 2 has result 66.2216, it means that it is in the average reading ease score of 60 - 70 or has standard of the description of style, the estimated reading grade is 8th and 9th grade and it is ought to second and third grade of Junior High School. *Then text number 5 has the result 57.8575 or in the reading ease score of 50 - 60, the estimated reading grade is 10^{th} - 12^{th} grade, even the description of style is fairly <i>difficult but it is suitable for first to third grade of Senior High School.* The result of readability level of text 6 is 35.0172 and text 7 is 36.6498 or both of them are in the average reading ease score of 30 - 50, the description of style is difficult and it is suitable for college level because the estimated reading grade is $13^{th} - 16^{th}$ grade. The last is text 3 that has result 16.855 or in the reading ease score of 0 - 30, it means that the description of style is very difficult, the estimated reading grade is college graduated and it is ought to college graduated

B. Discussion

In this section, the writer discusses the result of analyzing the reading texts in the English textbook. The analyzing is focused on the readability level of the reading texts using Flesch readability formula which has been stated in the previous chapter.

Before counting the readability level of the reading texts, the writer conducted some steps. In the first step, the writer counted the number of sentences, words and syllables. Then the writer found the average sentence length by counting the number of words divided by the number of sentences, and the average number of syllables per word by counting the number of syllables divided by the number of words. The last step was measure the result of the counting using Flesch readability formula. And the result of the analyzing of reading texts is as follows:

The result of readability level of text 1 is 78.0516, means that it is in the reading ease score of 70 - 80, the description of style is fairly easy and the estimated reading grade is 7th grade or it is suitable for first grade of Junior High School. The text number 2 has result 66.2216, means that it is in the average reading ease score of 60 - 70 or has standard of the description of style, the estimated reading grade is 8th and 9th grade and it is ought to second and third grade of Junior High School. Text 3 has result 16.855 or in the reading ease score of 0 - 30, it means that the description of style is very difficult, the estimated reading grade is college graduated and it is ought to college graduated. Text 4 is 76.841, it means that text 4 are in the reading ease score of 70 - 80, the description of style is fairly easy and the estimated reading grade is 7th grade or it is suitable for first grade of Junior High School. Then text number 5 has the result 57.8575 or in the reading ease score of 50 - 60, the estimated reading grade is $10^{th} - 12^{th}$ grade, even the description of style is fairly difficult but it is suitable for first to third grade of Senior High School. The result of readability level of text 6 is 35.0172 and the average reading ease score is in 30 - 50, the description

of style is difficult and it is suitable for college level because the estimated reading grade is $13^{\text{th}} - 16^{\text{th}}$ grade. The last is text 7 that has result 36.6498 or in the average reading ease score of 30 - 50, the description of style is difficult and it is suitable for college level because the estimated reading grade is $13^{\text{th}} - 16^{\text{th}}$ grade.

The result summarizing of the readability level of reading texts in the English textbook entitled *Linked to the World 1 English for Senior High School* published by Yudhistira is as in the following table:

