

CHAPTER III

RESEARCH METHOD

In this chapter, the writer is going to discuss the aspect dealing with the research used to collect the data and analyze the data about the movie. Those aspects are research design, data and data source, data collection, techniques of data verifications, and the data analysis.

A. Research Design

In conducting research, we need research design. Research design is the techniques chosen by a researcher to get the data. Creswell (2009:3), states that research design is plans and the procedures for research to detailed methods of data collection and analysis.

In this study, the method used is qualitative by using library research. According to Ary (2010:424) the qualitative is deals with the data that are in the form of words or pictures, rather than numbers and statistics. The writer applies qualitative method because the results of this study are in the form of words. This study is library research, because used library sources to get the data. The data does not come from the field and the data of research are collected from various sources. The data in this study were taken from movie script, many kinds of books about character and characterization, the data also taken from internet website.

For the depth of analyzing the story, the writer takes characterization of Stephen Hawking and Jane Wilde Hawking in this movie. The data

were carefully examined for intention to analyze the main character's characterization of the "*The Theory of Everything*" movie.

B. Data and Data Source

Data is all of the material information about the object of study something. The data for this research comprised all sentences and dialogues among the characters in the movie script which were related to the characters' characterization.

The source of the data is subjects from which the data can be obtained (Arikunto, 2010: 129). In this research data source is taken from "*The Theory of Everything*" movie script and also from many kinds of books and relevant materials such as books of literature theory, character, and characterization of the main character, and the data also taken from internet website.

C. Data Collection

The data of the study were sentences and dialogues from the movie. They have been collected based on the objectives of the study. In brief, the writer had to select carefully the data needed in the "The Theory of Everything" movie. There were some steps to collect the data of this study:

1. Watching the movie more than once, by understanding the movie and analyzing every motion or activity.
2. Giving much attention to the main characters.

3. Reading the movie script of “The Theory of Everything” movie produced and matching it to the dialogues in the movie.
4. Giving Marks to all sentences and dialogues that include the main characters’ characterization in “The Theory of Everything” Movie.
5. Choose the sentences and dialogues that include the main characters’ characterization in “The Theory of Everything” Movie, dealing with the research questions.

D. Techniques of Data Verifications

The researcher need to explain the techniques used to verify the data. In this study the writer used credibility and dependability to check the validity of the data.

The validity or in qualitative research called the credibility is the measurement of whether or not the data found by the researcher represent a “credible” interpretation from the original data source. According to Speziale and Carpenter (2003: 38), credibility is demonstrated when participants recognize the reported research findings as their own experience. Holloway, (2005: 8) states that to ensure credibility the researcher must make sure that those participants are identified and described accurately. In this study, to check the validity of the data the writer read the dialogues or transcripts many times. These activities convince the readers that the obtained data was valid.

The Reliability or in qualitative research called the dependability is if the research conducted by other people with the same research process will get the same results. Dependability testing is done by conducting an audit the whole research process. The audit is carried out by a competent, objective and impartial called the auditor. An independent auditor or independent supervisor audits the whole activities undertaken by researcher in conducting research. In this study dependability starts when the researcher begins to determine problems, choose data sources, carry out analyzes data, test the validity or credibility of the data, until the report is made.

E. Data Analysis

The activity to understand and comprehend literary work needs suitable approaches. In this discussion, the writer used a structural analytical approach as the data analysis. The structural analytical approach was developed by Feldman and Plummer, to analyze all of the aspect of the intrinsic elements (Suryahadi, 2008 : 413). According to Nurgiyantoro (1998) the intrinsic elements contained in a literary work are : theme, setting, characterization, plot, point of view, language style, and moral value. In this study the writer only focus on the intrinsic elements of characterization.

The steps to analyze the data in this research are as follows:

1. Reviewing the data.

This study only analyzes the characterization of the main characters in the “The Theory of Everything” Movie. The data which are used only the data in accordance with research problems.

2. Identifying.

The writer identifies all sentences and dialogues in the movie script of the “The Theory of Everything” Movie to get the data related to the main characters’ characterization.

3. Analyzing.

The writer used a structural analytical approach to analyze the data. Structural analytical approach begins with watching the movie and reading the script of the movie as a whole. And then, makes the statements relating to characterization of the main character. After that, re-reads the script and re-watches the movie, while trying to determine the characterization of the main character.

structural analytical approach in this study conducted through some steps:

- 1) By listening to statements or dialogues in the movie to understand the context, so that the writer can obtain the data about the characterization of the main character.

2) Then by watching the movie, the writer not only listen to the dialogues or statements, but also sees the physical appearance of the main character to determine the characterization of the main character.

4. Drawing the conclusion.

In the last step the researcher makes a conclusion based on the analysis of the research about the characterization of Stephan Hawking and Jane Wilde Hawking in the “The Theory of Everything” Movie.