**CHAPTER III**

**RESEARCH METHOD**

 This chapter presents the research method. It focuses the method used in conducting this study. The decision covers research design, population, method of collecting data and data analysis.

1. **Research Design**

Before we decide the research design in this study, it is better to know what the meaning of research is. Research is an organized and deliberate effort to collect new information or to utilize existing knowledge for a new purpose (Gajendra, 1999:3).

While a research design is a strategy to arrange the setting of the research in order to get the valid data that are suitable to all variable characteristics and the objectives of the research. Based on the source of data, this study is categorized as library research. Library research is a study to solve the problem which is taken from library materials (De Vaus, D. A. 2001)

1. **Population**

Suharsimi stated in her book, population is the whole subject of the study. She further mentions that in encyclopedia of educational evaluation, a population is a set (or collection) of all elements processing one or more attributes of interest (Suharsimi, 2010:173).

According to Christoper Butler (1985), there are two kinds of population. Those are finite and infinite population. The finite population is the number of entities is fixed and countable. Other kinds of population are potentially infinite means the number of entities is uncountable. For this study, the population is categorized as finite population. And the population is all the sentences containing code switching in the teenlit *Cinderella Rambut Pink* by Dyan Nuranindya.

1. **Method of Collecting Data**

In collecting the data, the researcher uses documentary method to collect the data. According to Arikunto, documentary method which is used to collect data based on transcript, books, newspaper, magazine, symbol and rule.

In this research, researcher wants to collect data by finding and collecting the data about the subject resources, to be investigated. It means that researcher looks for the code switching phenomenon in the teenlit *Cinderella Rambut Pink* by Dyan Nuranindya.

1. **Method of Data Analysis**

After all the data are collected, the next step is data analysis. The steps that the writer takes in analyzing the data are as follows:

1. Reading and understanding the whole teenlit *Cinderella Rambut Pink.*
2. Identifying the statements or utterances which have the characteristics of code switching.
3. Classifying the data based on the types and the reason of the use of code switching. The analysis uses the 4 types of code switching based on Hoffman’s theory and the 10 reasons why the characters in the teenlit *Cinderella Rambut Pink* by Dyan Nuranindya switch their language based on Hoffman and Saville Troike’s theory.
4. Describing the types and the reasons of code switching phenomena that are found in the teenlit *Canting Cantiq.*
5. Drawing conclusion.

In this study, researcher analyzes the phenomena of code switching within Indonesia to English.

In the subsequence stage, percentage analysis is conducted to get the clear of number of occurring code-switching in the teenlit. In this stage, means the counting of occurrences the code switching and the type of code switching and also conducted to know the frequency of code switching. The result of the counting is then transformed into percentage. In this stage the researcher uses the pattern as follows:

P = f /N x 100%

Where P is the symbol of percentage, f is the frequency of occurrences of code switching and the type of code switching. N is the number of code switching and the type of code switching.

(Amiruddin, 2000:24)

Based on the quotation above, it can be concluded that the research used percentage analysis based on Amiruddin formula in order to analyze the data.