

In module 3, I have learned a copious amount of information and informative details that reference the terminal, JS and so on. What I have taken away from this module is that a terminal essentially programs and enables us to send simple text messages to a computer to execute certain tasks. For instance, it allows us to navigate through a directory as well as copy files. The steps to use the terminal base on which computer one uses. This is true because I have a Macbook pro and the steps that I have followed are different from those of a Linux and Windows. Moreover, I have learned some new facts about Javascript. It is actually different from Java because JS is a dynamic programming language whereas Java happens to be more of a static language. Javascript usually runs on a browser, and it contains arrays as opposed to lists and objects. We can use javascript to build web applications. Furthermore, in this module I also learned how to tell imperative and declarative approaches apart. So, in my opinion, an imperative approach refers to a source code that involves a series of measures to get the work done. So basically how you are to obtain a table with a series of steps. Declarative on the other hand, refers to the instruction given to the source code perform. For instance, before we begin driving to an unfamiliar destination we would type the address on the GPS, the steps to the destination are the imperative approach whereas the address itself is the declarative approach. As you can see the usages of these approaches are so helpful as they simplify the way we operate certain tasks and activities on a daily basis as well as in the programming environment. In addition, I have also learned about schemes, which are basically dialects used in the programming language, and there are several kinds of dialects used in a programming environment. They have mathematical expressions as well as plain written words.