Reflective Report

The projects required me to think critically to develop a java implementation of a series of flight paths from one city to the other. The program should have a starting point for the flight to the destination city when it loads passengers. The database of airports, airlines, and routes offered a profound idea in the implementation process. To create my class for Airline, Airport, and Routes, I declared the instance variables with the aid of the documentation guide for the project which was easy to access them. However, performing the constructor declaration of the class was a bit challenging because I needed to refer to the CSV files and determine the appropriate data type for each variable. Having declared the constructor of the classes, I proceeded to the methods of the classes, where I declared the various methods to the corresponding variables in the class. Before I could read the CSV files, I created a variable called "path" in order to show the file location. I had to implement the try-catch exception to handle unknown errors that might cause the code when compiling. To read the files one line at a time, employed the BufferedReader approach to execute it successfully. I imported BufferedReader which enabled the program to print the information line by line.

Finally, I gained a lot of insights during the implementation but what stood out was the concept that helped in reading the files. I have perfected my understanding of the various approaches to reading files. The project has offered me more understanding of how to construct a class and instantiate variables as well as methods. However, I could not achieve the concept of finding a valid route between the two pairs of cities. In all, it was a great experience while working in java to find the problem solution.