I began this project by importing all the necessary standard packages. Next, I created the class *IndividualProject* and created Arrays *routesData* and *inputData* as well as Hashmaps *airportData* and *airlineData*.

I had the main function throw an IO exception to catch exceptions outside the try-catch IOException function.

Buffered reader was used to read the three csv files that were provided as well as the input file I created, with a try-catch IOException function to detect exceptions and exit the code upon the occurrence of an exception to avoid the code from continuously looping through the error.

A string array was created for *routes, airlines, airports* and *input* and while their inputs were not null, they were split to help with accessing information in the various files.

The logic behind solving the problem involved looping through the *airportData*, getting an airport that matches the city and country of the start, and comparing its *airportiD* with the *routesData*. The *routeArray* that has the same airport ID as the source airport ID is then retrieved and

the possible routes are returned. The process keeps repeating itself after that.