

This program is to plan the trip from a start city to a destination city with a minimized cost of the trip.

To run:

Use Eclipse to open the "2xb3_A2_tan_st.zip", then execute the file "main.java"; the result of the routes will be in the output file "a2_output.txt".

In the output file, the first two lines contain the resulting path for BFS and DFS in the following

format:

BFS: CityA, CityB, CityC, ...

DFS: CityA, CityB, CityC, ...

This is followed by a table which contains the result of the Dijkstra's Algorithm.

The table headings are City, Meal Choice, Cost of Meal. Each row in the table contains a city and the corresponding information.

* In the main function of the "main.java", the start city is set to Boston by default and the destination city is set to Minneapolis. To change this, you can find on this file in line 27 and 28:

```
final City Boston = searchCity("BOSTON");  
final City Minneapolis = searchCity("Minneapolis");
```

Seeing the variable Boston as the start city, change the string in the function searchCity() to the string of the name of the city you want; and seeing the variable Minneapolis as the destination city, change the string in the function searchCity() to the name of the destination city you want.