Journey Planner Paris Metro Description:

Project DESCRIPTION

Creating an trip planner to find an trip suggestion between an origin and a destination.

ADDITIONAL IMPROVEMENTS

-Added test methods in the Main class.

Project Structure

Metro Class:

Attributes: metroGraph, edgeRoodHashMap.

Functions:getStationCount, findDirection

Stop Class: Represent a station in paris metro

Attributes: stop\_Name, routes(an array list consists of route type objects).

addRoute method, equals method, toString method

Route Class: Represent a Line.

Attributes: route\_short\_name, route\_long\_name.

equals method

DirectedGraph Class:

Attributes: vertices, edgeCount;

Methods: getShortestPath, getCheapestPath

Edge Class:

Attributes: source, destination, weight

Vertex Class

Attributes: name, edges, visited, parent, cost.

Methods: connect.

Main Class: There are some test methods to test my project.

Average Time = 1.63 ms

TAHA ABDÜLKADİR YILMAZ

2021510073