

Algorithms and Data Structures

Graph Searches in a Route Planner

Assignment-5 ADDITIONAL INFORMATION

Version: January 10th, 2022

This document provides some corrections and additional information in response to questions asked by several students. These do not change the basic requirements of the assignment but may help you to overcome possible issues with your implementation of the solution.



1. The specification of `addEdge(fromVertex, toVertex, newEdge)` in the assignment description was not correct and not consistent with the starter project.

The correct description is:

boolean addEdge(fromVertex, toVertex, newEdge) adds `newEdge` to the map of edges in between `fromVertex` and `toVertex` in the graph. If there is already an edge between `fromVertex` and `toVertex` nothing shall be added and `false` shall be returned. Also, if `fromVertex` or `toVertex` are not part of the graph nothing shall be added and `false` shall be returned.

Comments and code of the starter project was correct.

2. ...