

COP 3503 Spring 2022 Section 2 Recitation Program #4

Single sour shortest path, time table (<https://open.kattis.com/problems/shortestpath2>)

For each recitation program, in order to get full credit, you must submit your solution to open.kattis.com and get your solution accepted on all test cases. (Kattis link is included above.) In addition, some of the assignments will have some separate requirements to fulfill based on your code. When submitting your work to Webcourses, please carefully read the corresponding directions document before submitting all of your files.

NOTE: Over the course of the semester, you must submit THREE out of the five recitation programs. It is expected that while you are in recitation, you start working on each of them. But, afterwards, you can choose which three to finish up.

What This Program Is Testing

This problem requires using Dijkstra's algorithm with a slight modification. Credit will be based on whether or not you solve the problem correctly **AND** whether or not you utilize Dijkstra's algorithm. Since this problem is fairly challenging, you only have to turn in your solution and a screen shot of your Accepted status on Kattis.

What to Submit

Please submit the following:

- 1) Your source file, shortestpath2.java.
- 2) A screenshot of your solution's accepted status on Kattis. (**This screen shot needs to include BOTH your username and the checkmarks for all of the test cases.**)