

Junior Knights Contest Course Spring 2024 4/20/2024 – Outline

I. Lecture: Dijkstra's Algorithm

A. Essentially Breadth First Search with Priority Queue

B. Go over Posted Code (sssp.java)

<https://open.kattis.com/problems/shortestpath1>

C. Live Coding (<https://open.kattis.com/problems/texasummers>)

II. Break

III. Practice Problems

Shortest Routes I: <https://cses.fi/problemset/task/1671>

Subway: <https://open.kattis.com/problems/subway2>

Flight Discount: <https://cses.fi/problemset/task/1195>