Task (1)

For task (1) I used Dijkstra’s algorithm in order to find the shortest path. In this algorithm, we created an array and updated their value until we find the shortest path.

Task (2)

I used Dijkstra again for this task. This time I used Dijkstra twice with source & and source 2. Then I

Compared both arrays.

Task (3)

I imported heapq and then I applied Dijkstra with it on this task.