

LAB 6 Explain

Task 1) Here I used Dijkstra's algorithm.

Every time I visited a node I checked for the weight of that node and weight of the adjacent node. If the cost is less then I replaced the cost.

Task 2) Here I used Dijkstra's algorithm

2 times for Alice and ~~and~~ Bob. Then

I checked where they can meet in the shortest shortest time.

Task 3) Here I used concept of Dijkstra.

Here when ~~visited~~ visiting it is saving the cost to go the ~~last~~ last node.

If any way is less costly then it will use that way. Finally, from all the cost it will print the max which would be the safe path.