Task -> 1

Here I applied dijkstra algo. Firstly found the min-distance-node and then visited of his neighbour node and updated the d[ ] -value and then pop the node. Here everytime minimum distance node will be popped.

Task -> 2

Here, same dijkstra algo used. For alice, bob I returned two list which contains minimum distance from source nodes. Then found the ~~M~~ Time and meeting node.

Task -> 3

Here, I slightly changed in the dijsktra algo. Here, I took the max value between the parent node and his child cost. So that ~~Here~~ I got the ~~max~~ minimum danger level array. From this array I got

the destination node with minimum-danger level.