Tout 1: Frest sof all, make all the distance for each hode is infinity. Greate a visited list and to keep the track of previous node. Now from source node what's distance is o and push were to der to the head and then pop thom wheap and check if the node is not visibled it so, then we will sheck it news cos which is distance of node and the cost its smaller and state on the on then update the weight previous If # 10 near cost and push to head again and recordively does it again. Lostly if any node's cost is inf. Hen ve vill make it's esstis to -1. w.

Tork 2:

Some as

Now 2

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one for reason & and 2. Fort person is very har till belling to spend official and the stand of the stand of

Sandracas lestore me will use priority

a gaene mand push than the node of person

4: land with ston cost of and pop trom

the agree wand whech new to distance

destapre les less teen

it's convent to weight we will update the

new- distances

For two person we will get two distance is lift. now, we check the two distance is not int. then we will take the max of two and compare to it nin-fine which

is praviously set to int. If new time is smaller than him-time there will update is smaller than him-time and need will update the min-time to to and need will update with the node.

Now, If the need value is not None and him-time not inf then we will be print him-time and need wall.

## Tark 3:

Some as previous we will heap and initially make the danger list to intinity for all node and set source node as O.

By privrity queue wit will maintain by the smallest current danger. Now, recursively use dikstra algorithm and solvet with there

their lowest danger, and updated of 1141s Hineigh downs when it is less than conjust volue. If dort destination reached It reduces minimum · donger · low of the need value is not have only thing on Ilin as must their sail and and the law town has profit and Within In good The ow among the not official of till sognals alt sharp io in other sound be ben the of bristian His the man of more so blad sunson won . somet I went tester