## Task-03

fon task 1 and turk-02 we used dijhestreas algorith to solve these problems.

Now, for N places and M roads the time complexity Yor task 1 is O (MlogN).

Again, for N places and M noods in task-2, we get O (MlogN) time complenity.

Here is an O(N+M) algorithm to solve the problem. If will be BFS, as each nood has exactly 1 titan.