

City With the Smallest Number of Neighbors at a Threshold Distance

There are n cities numbered from 0 to $n-1$. Given the array `edges` where `edges[i] = [fromi, toi, weighti]` represents a bidirectional and weighted edge between cities `fromi` and `toi`, and given the integer distance `Threshold`. You need to find out a city with the smallest number of cities that are reachable through some path and whose distance is **at most** `Threshold` Distance, If there are multiple such cities, our answer will be the city with the greatest number.

Note: that the distance of a path connecting cities i and j is equal to the sum of the edges' weights along that path.

Example 1:

Input:

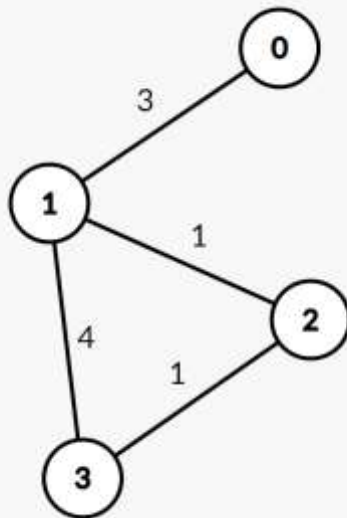
`N=4, M=4`

`edges = [[0,1,3],[1,2,1],[1,3,4],[2,3,1]]`

`distanceThreshold = 4`

Output: 3

Explanation:



The neighboring cities at a `distanceThreshold = 4` for each city are:

```
City 0 -> [City 1, City 2]
City 1 -> [City 0, City 2, City 3]
City 2 -> [City 0, City 1, City 3]
City 3 -> [City 1, City 2]
Cities 0 and 3 have 2 neighboring cities at a
distanceThreshold = 4, but we have to return city 3 since
it has the greatest number.
```

Your Task:

You don't need to read input or print anything. Your task is to complete the function **findCity()** which takes a No of nodes N and vector of edges and ThresHold Distance. and Return the city with the smallest number of cities that are reachable through some path and whose distance is **at most** Threshold Distance, If there are multiple such cities, return the city with the greatest number.

Expected Time Complexity: $O(V^2 + EV\log V)$

Expected Auxiliary Space: $O(N^3)$

Constraints:

$1 \leq N \leq 100$

$1 \leq \text{edges.length} \leq n*(n-1)/2$

$\text{edges}[i].\text{length} == 3$

$0 \leq \text{from}_i < \text{to}_i < n$

$1 \leq \text{weight}, \text{distanceThreshold} \leq 10^4$

All pairs $(\text{from}_i, \text{to}_i)$ are distinct