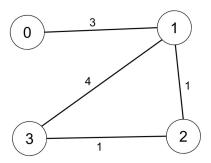
1334. Find the City With the Smallest Number of Neighbors at a Solved ● Threshold Distance

There are n cities numbered from 0 to n-1. Given the array edges where $edges[i] = [from_i, to_i, weight_i]$ represents a bidirectional and weighted edge between cities $from_i$ and to_i , and given the integer distanceThreshold.

Return the city with the smallest number of cities that are reachable through some path and whose distance is **at most** distanceThreshold, If there are multiple such cities, return the city with the greatest number.

Notice 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, edges = [[0,1,3],[1,2,1],[1,3,4],[2,3,1]], distanceThreshold = 4

Output: 3

Explanation: The figure above describes the graph.

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

City 0 -> [City 1, City 2]

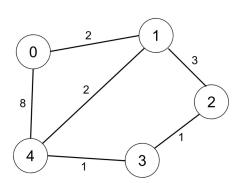
City 1 -> [City 0, City 2, City 3]

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.

Example 2:



Input: n = 5, edges = [[0,1,2],[0,4,8],[1,2,3],[1,4,2],[2,3,1],[3,4,1]], distanceThreshold = 2

Output: 0

Explanation: The figure above describes the graph.

The neighboring cities at a distanceThreshold = 2 for each city are:

City 0 -> [City 1]

City 1 -> [City 0, City 4]

City 2 -> [City 3, City 4] City 3 -> [City 2, City 4]

City 4 -> [City 1, City 2, City 3]

The city 0 has 1 neighboring city at a distanceThreshold = 2.

Constraints:

- 2 <= n <= 100
- 1 <= edges.length <= n * (n 1) / 2
- edges[i].length == 3
- 0 <= from_i < to_i < n
- 1 <= weight_i, distanceThreshold <= 10^4
- All pairs (from_i, to_i) are distinct.

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Yes No

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