Negative weight cycle \square

Medium Accuracy: 57.68% Submissions: 8617 Points: 4

Given a weighted directed graph with n nodes and m edges. Nodes are labeled from 0 to n-1, the task is to check if it contains a negative weight cycle or not.

Note: edges[i] is defined as u, v and weight.

Example 1:

```
Input: n = 3, edges = {{0,1,-1},{1,2,-2},
{2,0,-3}}
Output: 1
Explanation: The graph contains negative weight
cycle as 0->1->2->0 with weight -1,-2,-3,-1.
```

Example 2:

```
Input: n = 3, edges = {{0,1,-1},{1,2,-2},
{2,0,3}}
Output: 0
Explanation: The graph does not contain any
negative weight cycle.
```

Your Task:

You don't need to read or print anything. Your task is to complete the function **isNegativeWeightCycle()** which takes n and edges as input paramater and returns 1 if graph contains negative weight cycle otherwise returns 0.

Expected Time Complexity: O(n*m) Expected Space Compelxity: O(n)

Constraints:

1 <= n <= 100

 $1 \le m \le n^*(n-1)$, where m is the total number of Edges in the directed graph.

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