

Shortest Path in Weighted undirected graph

You are given a weighted undirected graph having $n+1$ vertices numbered from 0 to n and m edges describing there are edges between a to b with some weight, find the shortest path between the vertex 1 and the vertex n and if path does not exist then return a list consisting of only -1.

Example :

Input:

```
n = 5, m= 6
edges = [[1,2,2], [2,5,5], [2,3,4],
[1,4,1], [4,3,3], [3,5,1]]
```

Output:

```
1 4 3 5
```

Explanation:

Shortest path from 1 to n is by the path 1 4 3 5

Your Task:

You don't need to read input or print anything. Your task is to complete the function **shortestPath()** which takes n vertex and m edges and vector of edges having weight as inputs and returns the shortest path between vertex 1 to n .

Expected Time Complexity: $O(m \cdot \log(n))$

Expected Space Complexity: $O(n)$

Constraint:

$2 \leq n \leq 10^5$

$0 \leq m \leq 10^5$

$0 \leq a, b \leq n$

$1 \leq w \leq 10^5$