



- There are no repeated edges.
- There is at least one path between 1 and n.

JavaScript



```

1  const initializeGraph = (n) => { let g = []; for (let i = 0; i < n; i++) { g.push([]); } return g; };
2  const packUG = (g, edges, m) => {
3    for (const [u, v, cost] of edges) {
4      g[u].push(v);
5      g[v].push(u);
6      m.set(u + " " + v, cost);
7      m.set(v + " " + u, cost);
8    }
9  };
10
11 const minScore = (n, roads) => {
12   let g = initializeGraph(n + 1), m = new Map(), q = [1], vis = Array(n + 1).fill(false), res =
   Number.MAX_SAFE_INTEGER;
13   packUG(g, roads, m);
14   vis[1] = true;
15   while (q.length) {
16     let cur = q.shift();
17     for (const child of g[cur]) {
18       let cost = m.get(cur + " " + child);
19       res = Math.min(res, cost);
20       if (!vis[child]) {
21         q.push(child);
22         vis[child] = true;
23       }
24     }
25   }
26   return res;
27 };

```

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