


```

9      g[u].push([v, cost]);
10     for (const [xx, yy,] of c) {
11         let xyy = build(m, g, xx, yy);
12         g[v].push([xyy, cal(x2, y2, xx, yy)]);
13     }
14 }
15 let d = dijkstra(g, A);
16 return d[B];
17 }
18
19 const build = (m, g, x, y) => {
20     let ke = x + " " + y;
21     if (m.has(ke)) return m.get(ke);
22     m.set(ke, g.length);
23     g.push([]);
24     return m.get(ke);
25 };
26
27 const cal = (x1, y1, x2, y2) => Math.abs(x1 - x2) + Math.abs(y1 - y2);
28
29 const dijkstra = (g, start) => {
30     let n = g.length, dis = Array(n).fill(Number.MAX_SAFE_INTEGER);
31     let pq = new MinPriorityQueue({
32         compare: (x, y) => {
33             if (x[0] !== y[0]) return x[0] - y[0];
34             return x[1] - y[1];
35         }
36     });
37     dis[start] = 0;
38     pq.enqueue([0, start]);
39     while (pq.size()) {
40         let [d, cur] = pq.dequeue();
41         if (d > dis[cur]) continue;
42         for (const [child, cost] of g[cur]) {
43             let toChildCost = d + cost;
44             if (toChildCost < dis[child]) {
45                 dis[child] = toChildCost;
46                 pq.enqueue([toChildCost, child]);
47             }
48         }
49     }
50     return dis;
51 };

```

☐ Custom Testcase☒ Use Example Testcases

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