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#include <bits/stdc++.h>
using namespace std;
void dijkstra(int source, vector<vector<pair<int,int>>> &graph,
vector<int> &dist) {
    int V = graph.size();
    dist.assign(V, INT MAX);
    dist[source] = 0;
    priority queue<pair<int,int>, vector<pair<int,int>>,
greater<pair<int,int>>> pq;
    pq.push({0, source});
    while (!pq.empty()) {
        int u = pq.top().second;
        int d = pq.top().first;
        pq.pop();
        if (d > dist[u]) continue;
        for (auto &edge : graph[u]) {
            int v = edge.first;
            int w = edge.second;
            if (dist[v] > dist[u] + w) {
                dist[v] = dist[u] + w;
                pq.push({dist[v], v});
            }
        }
   }
}
int main() {
    int V, E;
    cout << "Enter number of intersections (vertices): ";</pre>
    cout << "Enter number of roads (edges): ";</pre>
    cin >> E;
    vector<vector<pair<int,int>>> graph;
    graph.resize(V); // V FIX: Allocate memory for V vertices
    cout << "Enter edges (u v w):\n";</pre>
    for (int i = 0; i < E; i++) {
        int u, v, w;
        cin >> u >> v >> w;
        graph[u].push back({v, w});
```

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graph[v].push back({u, w}); // undirected road
    }
    int source;
    cout << "Enter ambulance start location (source): ";</pre>
    cin >> source;
    int H;
    cout << "Enter number of hospitals: ";</pre>
    cin >> H;
    vector<int> hospitals(H);
    cout << "Enter hospital nodes: ";</pre>
    for (int i = 0; i < H; i++) {
        cin >> hospitals[i];
    vector<int> dist;
    dijkstra(source, graph, dist);
    int minTime = INT MAX, nearestHospital = -1;
    for (int h : hospitals) {
        if (dist[h] < minTime) {</pre>
            minTime = dist[h];
            nearestHospital = h;
    }
    if (nearestHospital == -1)
        cout << "No hospital reachable.\n";</pre>
    else
        cout << "Nearest hospital is at node " << nearestHospital
             << " with travel time " << minTime << " minutes.\n";
   return 0;
}
```