


Minimum Spanning Tree | Practi

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Problem

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Output Window

Compilation ResultsCustom InputY.O.G.I. (AI Bot)

Problem Solved Successfully

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Test Cases Passed

71 / 71

Attempts : Correct / Total

1 / 1

Accuracy : 100%

Points Scored

4 / 4

Your Total Score: 48

Time Taken

0.47

Solve Next

Dijkstra Algorithm

Floyd Warshall

Bellman-Ford

Stay Ahead With:

C++ (17)

Start Timer

```
4 // code here
5 int E=edges.size();
6 vector<vector<pair<int,int>>> adj(V);
7 for(int i=0;i<E;i++){
8     int u,v,w;
9     u=edges[i][0];
10    v=edges[i][1];
11    w=edges[i][2];
12    adj[u].push_back({w,v});
13    adj[v].push_back({w,u});
14 }
15 vector<bool> visited(V,false);
16 priority_queue<pair<int,int>,vector<pair<int,int>>, greater<pair<int,int>>> p
17 pq.push({0,0});
18 int minCost=0;
19 while(!pq.empty()){
20     int wi=pq.top().first;
21     int ui=pq.top().second;
22     pq.pop();
23     if(!visited[ui]){
24         minCost+=wi;
25     }
26     visited[ui]=true;
27     for(auto pr:adj[ui]){
28         int vi=pr.second;
29         int currW=pr.first;
30         if(!visited[vi]){
31             pq.push({currW,vi});
32         }
33     }
34 }
35 return minCost;
36 }
37
```

Custom Input

Compile & Run

Submit