

Minimum Spanning Tree | Practice

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Output Window

Compilation Results Custom Input Y.O.G.I. (AI Bot)

Problem Solved Successfully ✓ Suggest Feedback

Test Cases Passed 71 / 71

Attempts : Correct / Total 1 / 1 Accuracy : 100%

Points Scored 4 / 4 Your Total Score: 48 ↑

Solve Next Dijkstra Algorithm Floyd Warshall Bellman-Ford

Stay Ahead With:

C++ (17) Start Timer

```
// code here
int E=edges.size();
vector<vector<pair<int,int>> adj(V);
for(int i=0;i<E;i++){
    int u,v,w;
    u=edges[i][0];
    v=edges[i][1];
    w=edges[i][2];
    adj[u].push_back({w,v});
    adj[v].push_back({w,u});
}
vector<bool> visited(V, false);
priority_queue<pair<int,int>, vector<pair<int,int>>, greater<pair<int,int>> pq;
pq.push({0,0});
int minCost=0;
while(!pq.empty()){
    int wi=pq.top().first;
    int ui=pq.top().second;
    pq.pop();
    if(!visited[ui]){
        minCost+=wi;
    }
    visited[ui]=true;
    for(auto pr:adj[ui]){
        int vi=pr.second;
        int currW=pr.first;
        if(!visited[vi]){
            pq.push({currW,vi});
        }
    }
}
return minCost;
}
```

Custom Input Compile & Run Submit