×



HOME TOP CONTESTS GYM PROBLEMSET GROUPS RATING EDU API CALENDAR HELP DELTIX ROUNDS 2021 🛣

Maintenance works on Round 739. Don't be surprised. Please, read the post.

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS HACKS ROOM STANDINGS CUSTOM INVOCATION

General										
#	Author	Problem	Lang	Verdict	Time	Memory	Sent	Judged		
126570351	Practice: ArtLeywin	<u>20C</u> - 6	GNU C++17	Accepted	124 ms	12596 KB	2021-08- 20 23:04:17	2021-08- 20 23:04:17	Compare	

```
→ Source
                                                                                                                                                                                               Сору
#include <bits/stdc++.h>
//#define endl '\n'
#define int long long
#define int tong tong
#define pb push_back
#define ff first
#define ss second
#define all(x) (x).begin(), (x).end()
#define ll long long
#define ii pair<int,int>
#define with pair
#define vi vector<int>
#define vll vector<ll>
#define vii vector<ii>>
const int INF = 0x3f3f3f3f;
const ll LINF = 0x3f3f3f3f3f3f3f3f3f3fLL;
const int maxn = 1e5+10;
const int mod = 1e9+7;
using namespace std;
vector<ii> graph[maxn];
vector<int> dijkstra(int s, int e){
      priority_queue<iii,vii, greater<ii>>> pq;
vector<int> dist(e+1,LINF);
vector<int> parent(e+1);
      pq.push({0,s});
dist[s] = 0;
       while(!pq.empty()){
             auto [w, v] = pq.top();
pq.pop();
             if(w > dist[v]) continue;
             \textbf{for}(\textbf{auto} \ \& [\texttt{n\_v}, \ \texttt{n\_w}] \ : \ \texttt{graph}[\texttt{v}]) \{
                    if(dist[n_v] > w + n_w){
    dist[n_v] = w + n_w;
                          pq.push({dist[n_v], n_v});
                          parent[n_v] = v;
                   }
             }
      vector<int> ans;
      if(dist[e] == LINF){
   ans.pb(-1ll);
       else{
             while(e != 0){
                   ans.pb(e);
                    e = parent[e];
             reverse(all(ans));
       return ans;
}
void solve(){
```

```
int n, m;
    cin >> n >> m;

for(int i=0;i<m;++i) {
        int u, v, w;
        cin >> u >> v >> w;
        graph[u].pb{{v.w}};
        graph[v].pb{{v.w}};
        graph[v].pb{{u,w}};
}

vector<int> ans = dijkstra(1,n);

for(auto x : ans) {
        cout << x << " ";
}

cout << endl;
}

int32_t main() {
        ios_base::sync_with_stdio(false);
        cin.tie(0);
        int t=1;
        //cin>t;
        while(t--) {
              solve();
        }
        return 0;
}
```

Click to see test details

Codeforces (c) Copyright 2010-2021 Mike Mirzayanov
The only programming contests Web 2.0 platform
Server time: Aug/20/2021 17:04:34^{UTC-3} (j3).
Desktop version, switch to mobile version.

Privacy Policy

Supported by



