

Kruskal

```
#include <bits/stdc++.h>
using namespace std;

const int N = 5005, M = 2e5 + 5, INF = 0x3f3f3f3f;
struct Edge{
    int u, v, w;
    bool operator< (const Edge& w) const{
        return w < W.w;
    }
}e[M];
int n, m;
int f[N];
int find(int x){
    return x == f[x] ? x : f[x] = find(f[x]);
}
int main(){
    scanf("%d%d", &n, &m);
    for(int i = 0; i < m; i++){
        int u, v, w;
        scanf("%d%d%d", &u, &v, &w);
        e[i] = {u, v, w};
    }
    sort(e, e + m);
    for(int i = 1; i <= n; i++) f[i] = i;
    int ans = 0, cnt = 0;;
    for(int i = 0; i < m; i++){
        int fau = find(e[i].u), fav = find(e[i].v);
        if(fau != fav){
            f[fau] = fav;
            ans += e[i].w;
            cnt++;
        }
    }

    if(cnt < n - 1) printf("orz");
    else cout << ans;
    return 0;
}
```