Day42

Code-

class Solution {

public:

int minReorder(int n, vector<vector<int>>& connections) {

vector<vector<pair<int,int>>> graph(n);

for(auto &v: connections){

graph[v[0]].push\_back({v[1],1});

graph[v[1]].push\_back({v[0],0});

}

queue<pair<int,int>> q;

q.push({0,0});

vector<bool> vis(n,false);

int ans=0;

while(!q.empty()){

auto p=q.front();

q.pop();

vis[p.first]=true;

ans+=p.second;

for(auto &x: graph[p.first]){

if(vis[x.first])continue;

// cout<<p.first<<' '<<p.second<<' '<<x.first<<" "<<x.second<<endl;

q.push(x);

}

}

return ans;

}

};

* Time complexity: O(n)
* Space complexity: O(n)

