class Solution {

public:

// Function to return a list containing the DFS traversal of the graph.

vector<int> dfsOfGraph(int V, vector<int> adj[]) {

// Code here

vector<bool> visited(V, false);

vector<int> ans;

dfs(0, adj, visited, ans);

return ans;

}

void dfs(int src, vector<int> adj[], vector<bool> &visited, vector<int> &ans){

visited[src] = true;

ans.push\_back(src);

for(auto it: adj[src]){

if(!visited[it]){

dfs(it, adj, visited, ans);

}

}

}

};