class Solution {

public void dfs(ArrayList<Integer> ans,ArrayList<ArrayList<Integer>> adj,Integer curr,boolean[] visited)

{

ans.add(curr);

visited[curr] = true;

for(int i=0;i<adj.get(curr).size();i++){

Integer currDest = adj.get(curr).get(i);

if(!visited[currDest]){

dfs(ans,adj,currDest,visited);

}

}

}

public ArrayList<Integer> dfsOfGraph(int V, ArrayList<ArrayList<Integer>> adj) {

boolean[] visited = new boolean[V];

ArrayList<Integer> answer = new ArrayList<>();

dfs(answer,adj,0,visited);

return answer;

}

}