class Solution {

// Function to return Breadth First Traversal of given graph.

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

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

Queue<Integer> queue = new LinkedList<>();

boolean[] visited = new boolean[V];

queue.add(0);

while(!queue.isEmpty()){

Integer curr = queue.remove();

if(!visited[curr]){

lst.add(curr);

visited[curr] = true;

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

queue.add(adj.get(curr).get(i));

}

}

}

return lst;

}

}