```java
// Function to return a list containing the DFS traversal of the graph.
public ArrayList<Integer> dfsOfGraph(int V, ArrayList<ArrayList<Integer>> adj) {
    ArrayList<Integer> list = new ArrayList<>();
    boolean[] visited = new boolean[V];
    dfs(0, visited, adj, list);
    return list;
}
// Function to traverse a graph using depth first search.
public void dfs(int u, boolean[] visited, ArrayList<ArrayList<Integer>> adj,
        ArrayList<Integer> list) {
    list.add(u);
    visited[u] = true;
    for (int v : adj.get(u)) {
        if (!visited[v]) {
            dfs(v, visited, adj, list);
        }
    }
}
```