

```
// Function to return Breadth First Traversal of given graph with root 0.
public ArrayList<Integer> bfsOfGraph(int V, ArrayList<ArrayList<Integer>> adj) {
    Queue<Integer> queue = new LinkedList<>();
    boolean[] visited = new boolean[10007];
    ArrayList<Integer> list = new ArrayList<>();
    int root = 0;
    queue.add(root);
    visited[root] = true;

    while (!queue.isEmpty()) {
        int u = queue.remove();
        list.add(u);
        for (int v : adj.get(u)) {
            if (!visited[v]) {
                visited[v] = true;
                queue.add(v);
            }
        }
    }

    return list;
}
```