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Recursive DFS
dfs(vertex v) {
    visit v
    for(each unvisited neighbor u of v) {
        dfs(u)
    }
}
Iterative DFS
dfs(vertex v) {
    S = new Stack
    visit v
    S.push(v)
    while (stack is not empty) {
        if(all TOS neighbors have been visited) {
            S.pop
        }
            select u, an unvisited neighbor of TOS
            visit u
            S.push(u)
        }
    }
}
Iterative BFS
bfs(vertex v) {
    Q = new Queue
    visit(v)
    Q.enqueue(v)
    while(queue is not empty) {
        u = Q.dequeue()
        for(each unvisited neighbor w of u){
            visit(w)
            Q.enqueue(w)
        }
    }
}
```