

```

// Write code here
// All variables have been initialized above the function.
// If you are done
system.out.println("dfs" + " " + ans);
return;

// Mark
path[0] = true;
// Mark

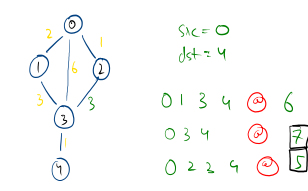
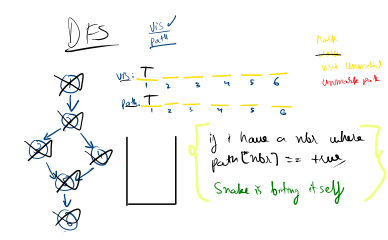
// Visit unvisited
for (Edge e : graph.get(i)) {
    int nbr = e.to;
    if (!e.visited) {
        visit(nbr);
        path[nbr] = true;
    }
}

// Mark
path[0] = false;

```

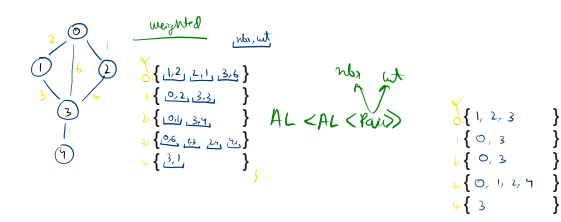
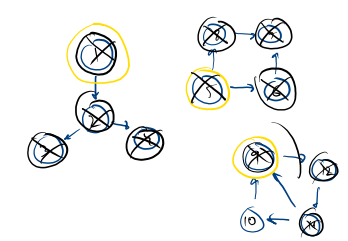
DFS only path along  
0123456 @ 20

graph[i]



src = 0  
dst = 4

0 1 3 4 @ 6  
0 3 4 @ 7  
0 2 2 4 @ 5



### Dijkstra's algo

Single source shortest path algo

### BFS → PQ

Min

0 → 0 @ 0  
1 → 01 @ 2  
2 → 012 @ 3  
3 → 0123 @ 5  
4 → 01234 @ 8  
5 → 012345 @ 12  
6 → 012346 @ 13

x remove  
x mark  
x work  
x Add Nbrs