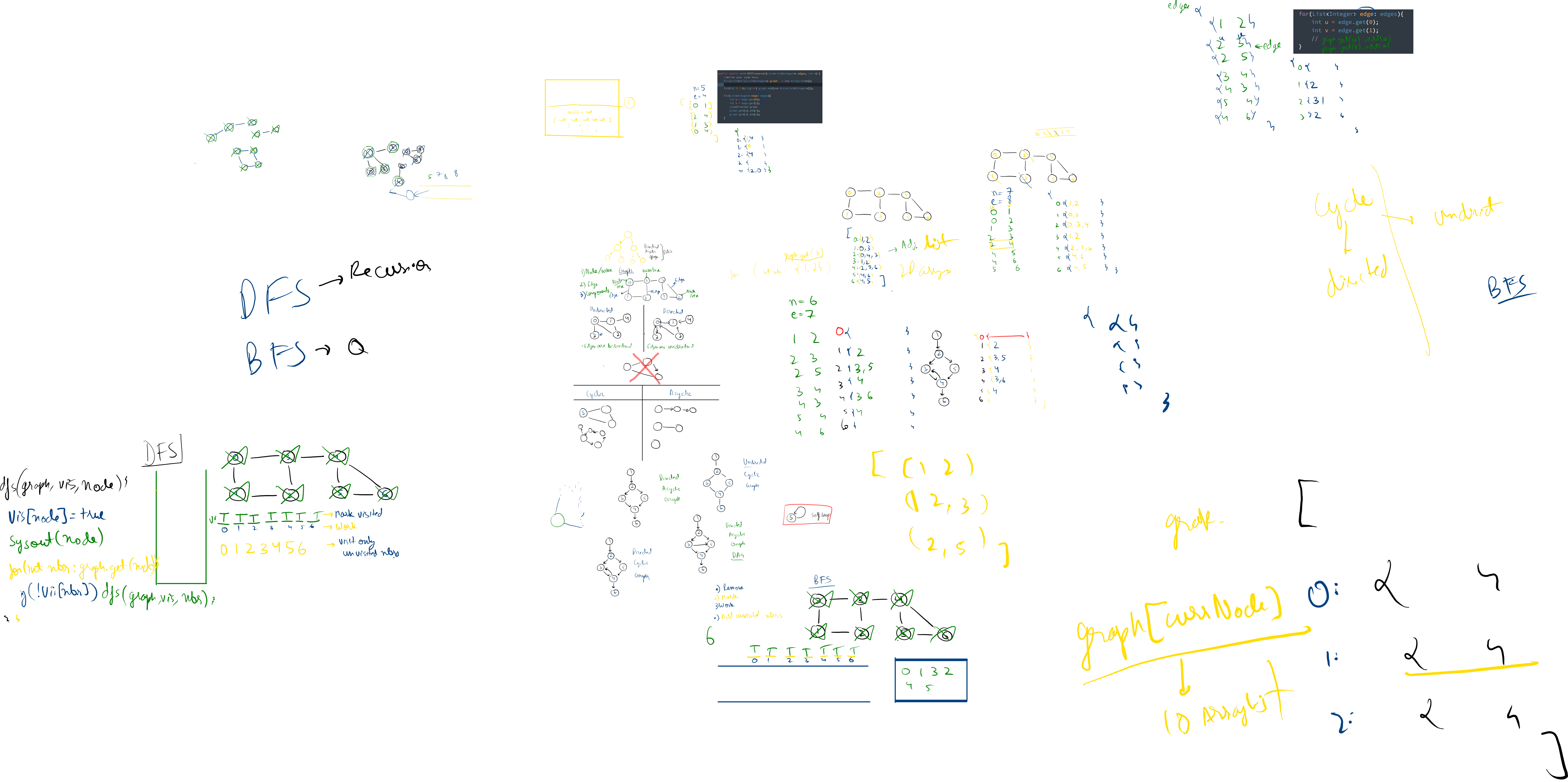
DFS → Recursion
BFS → Q
DFS
dfs(graph, vis, node){
vis[node] = true
Sysout(node)
for(int nbr : graph.get(node))
if(!vis[nbr]) dfs(graph, vis, nbr);
→ mark visited
→ work
→ visit only unvisited nbrs
0 1 2 3 4 5 6
Cycle
Acyclic
Undirected
Directed
Directed Acyclic Graph
Directed Cyclic Graph
Undirected Cyclic Graph
DAG
Self loop
BFS
n = 6
e = 7
Adj. list
2D Array
for(List<Integer> edge: edges){
int u = edge.get(0);
int v = edge.get(1);
edge
Cycle
directed
undirected
BFS
graph.
graph[currNode]
1D ArrayList
0:
1:
2: