

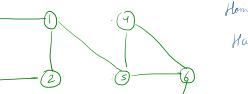
[[0,1,0,0],[1,1,1,0],[0,1,0,0],[1,1,0,0]]

/ -						
0	13	0	0			
3	10	13	6			
б	12	0	0			
3	2	0	0			
•						



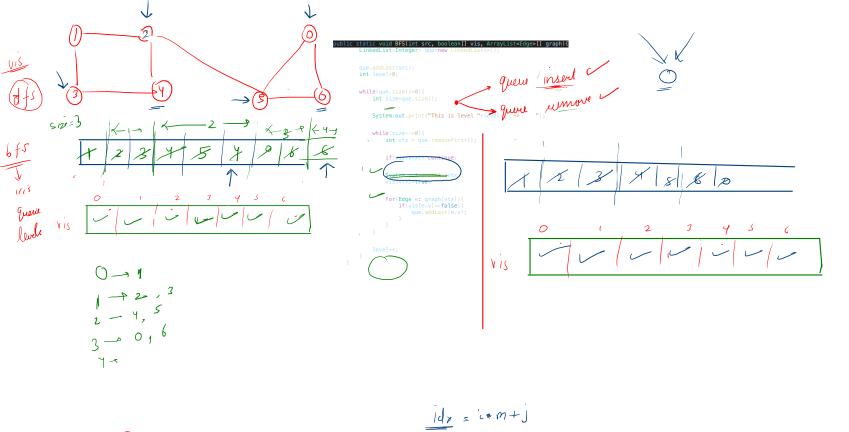
X	X	X	\$	×
X	X	#	\$	×
X	×	×	K	X
X	X	0	0	×
X	\$	X	0	X
\$	\$	X	X	×



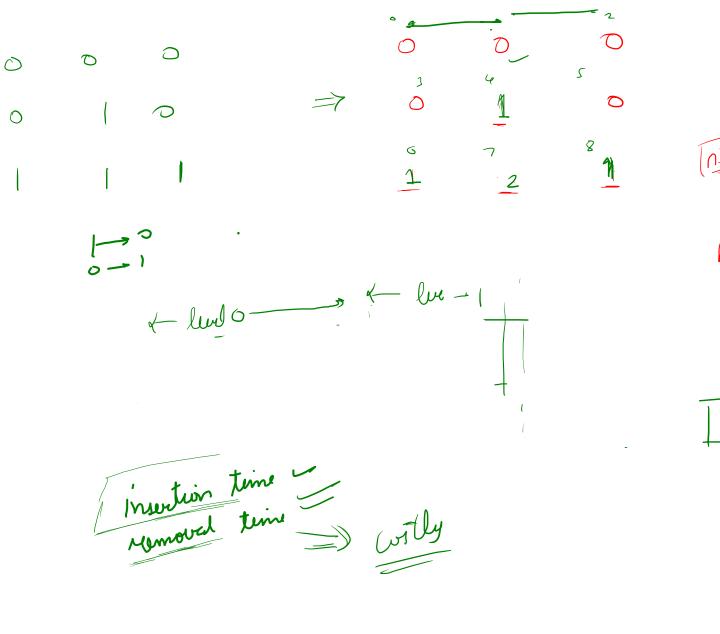


Hamiltonian puth Hamiltonian cycle

0, 3, 2, 1, 5, 4, 6 - (yel)
0, 3, 2, 1, 5, 6, 4 -> Rath
0, 6, 4, 5, 1, 2, 3 -> gate



0	1	2	3
1-5	5 1,1	6	7
8	9	2,2	H.



(UXM)

6fs ensurer min distance

Bipartite growth and length are Bypartite

Growth no cycle -> Papartite green -> 1 Um -> 0 unvisited => -1 public boolean isOddCycle(int src, int[][] graph, int[] vis){ LinkedList<Integer> que = new LinkedList<>(): que.addLast(src); vis[sm] = 0; int color = 0; // level while(que.size()>0){ int size = que.size(); while(size -- > 0){ int u = que.removeFirst(); 0 if(vis[u]!=color) return true; VISTUS= color = for(int v : graph[u]){ $if(vis[v]==-1){$ que.addLast(v); 11 × 17 × 0, 1 × 1 × 1 × 0, 0 color = (color+1)%2; return false;

Suc - des Sou 0

