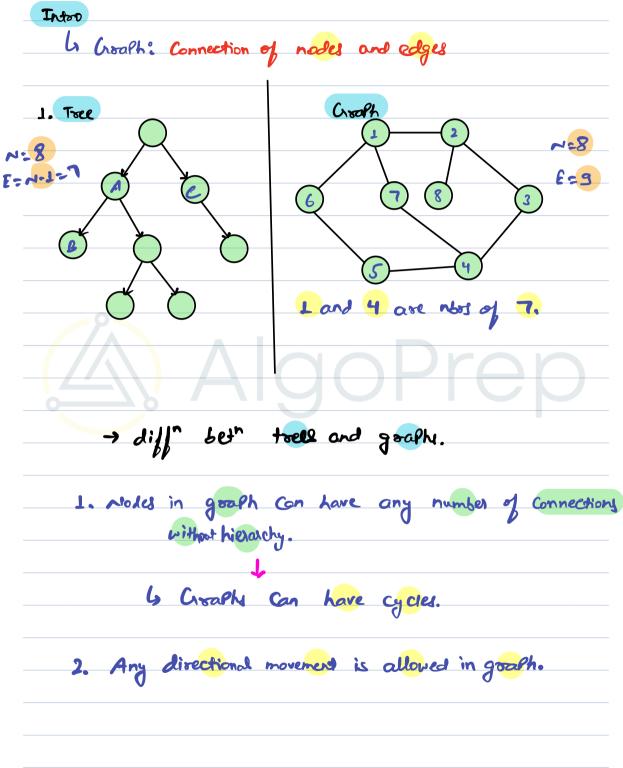


Todoy's agenda Li Intro Li Types of goalh Li Storage Li B3s (level order) +1
9 635 (WOX 0700) +1
<u>AlgoPrep</u>

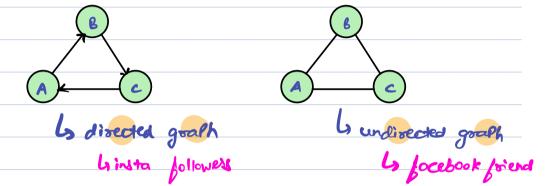


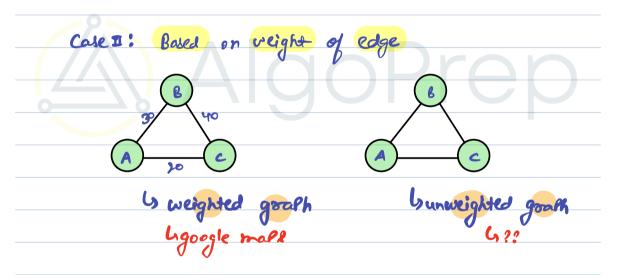




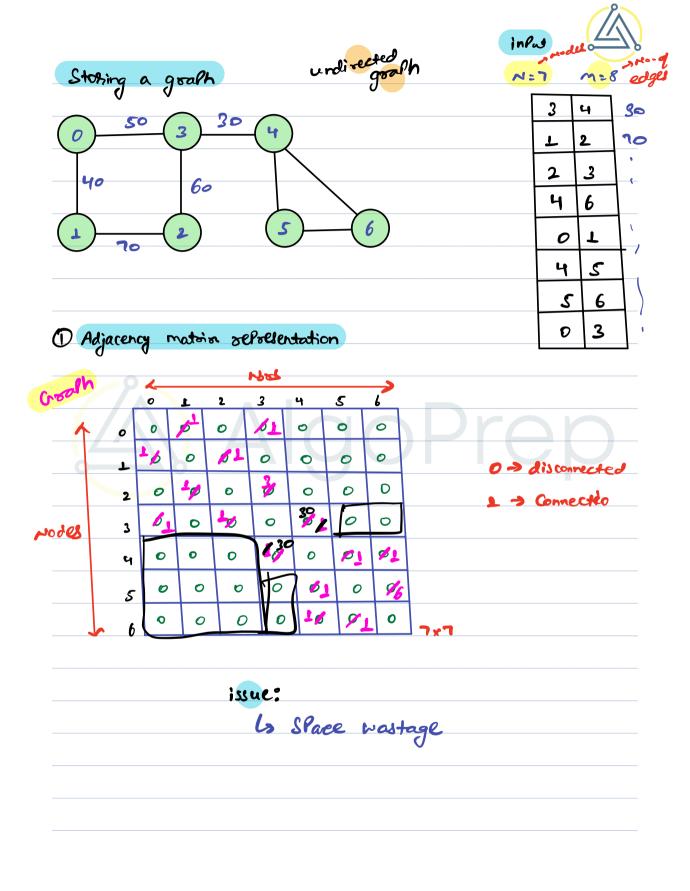
* Classification of graphs

Case I: Based on types of edges.



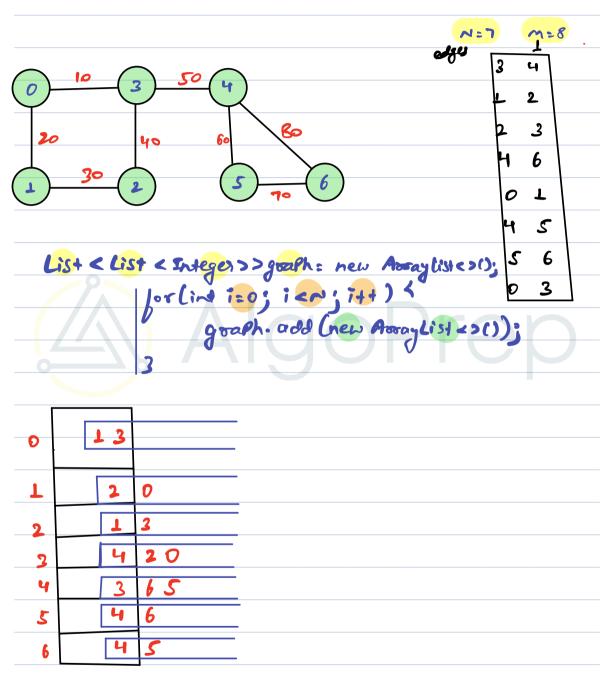








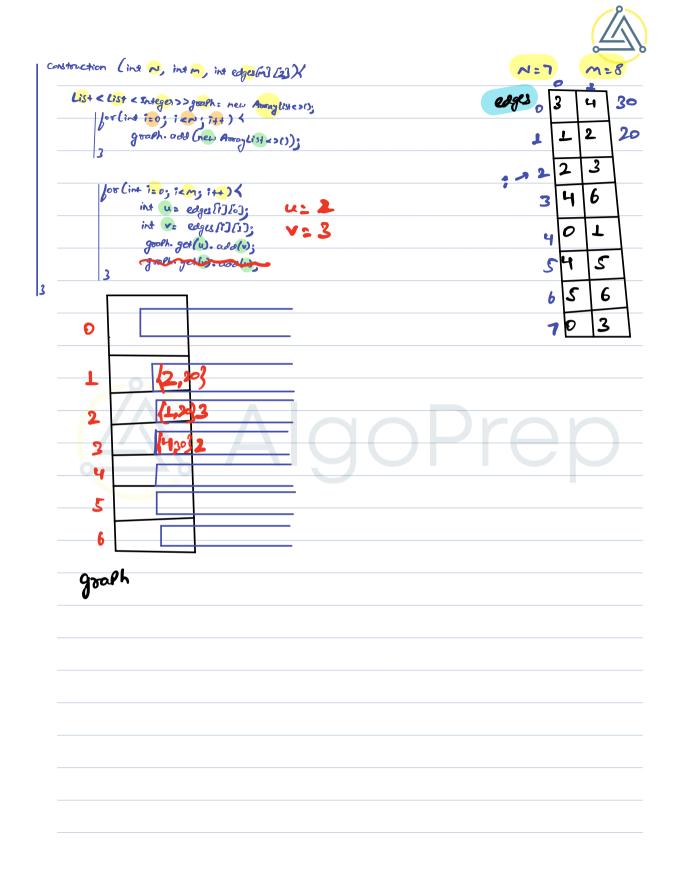
(2) adjacency list offresentation



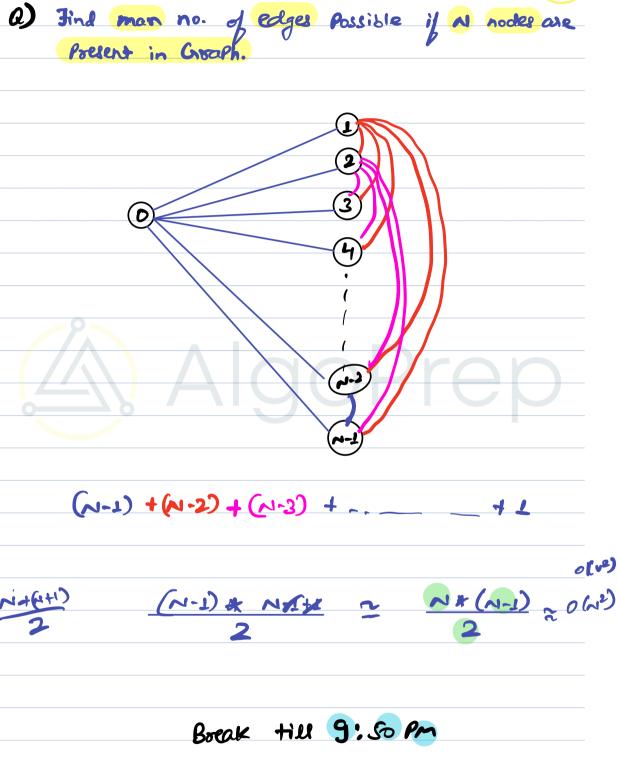
graph

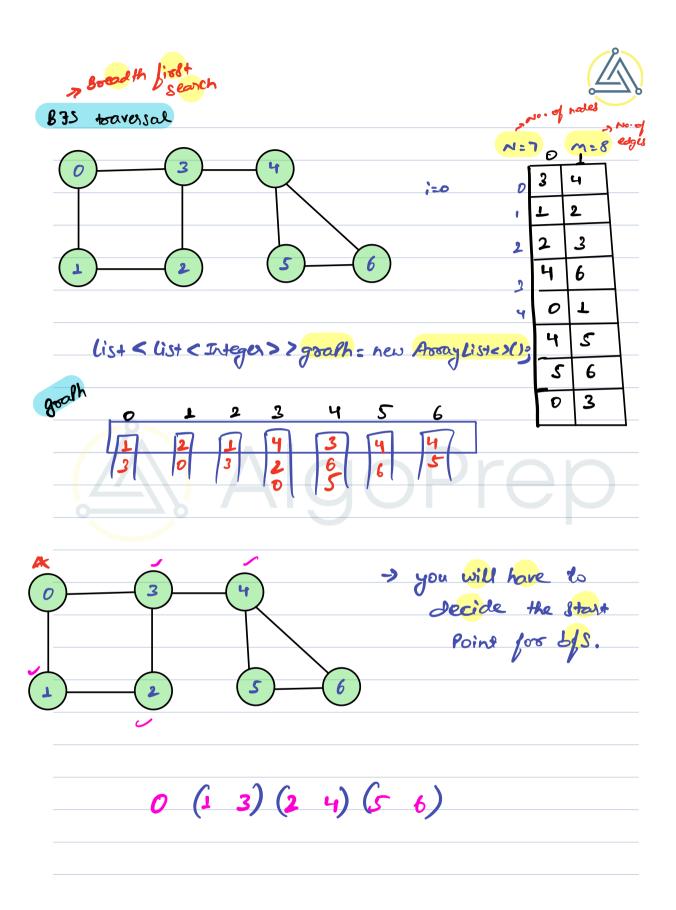


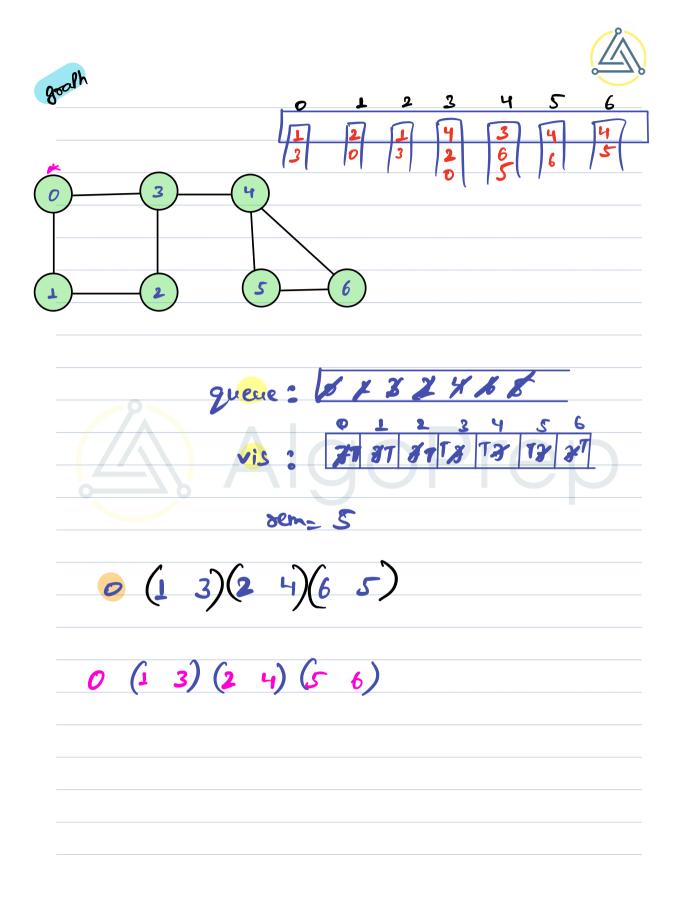
1185 vedo Code	Class Pair 1
	int vs
	int N, int m, int edges (m) [2] X
List < List	Pair < Intéger >> green : new Away list <>1);
Jorl	graph. add (new Array List 2>());
3	
No.g.	(int i=0; iem; i+1) { int u= edges[i][o]; int v= edges[i][i];
	gooth. get(u). add(v); gooth. get(v). add(v);
3	g.atm gentle about
3 80	Utum goath;













118suedo code

void B 32	(int m, int m, int [][]edges){
olver) & List <l< th=""><th>ist <integer>> gooth = Construction(n,m, edges);</integer></th></l<>	ist <integer>> gooth = Construction(n,m, edges);</integer>
6	boolean [7 vis: new ind [4];
	boolean [2 vis: new ind [m];
	q. add (o);
	vis (o) = tone;
T.C:0(V +2E) = 0(4E)	MODIAN
O(v2)	while (9.5ize() >0)
S.c: o(v)	int vem: 9. hemove();
	S.o.p (sem);
	lladd all unvisited abod.
	List «Integer» Nows = goodh.get (rem);
	for Cind ve nord) {
	il (vis(v) == lake)
	if (vistr) == falle) < 9.ado(v);
	vis[v] = toue;
	. 1
	3
	13
3	



0	3	4	0(v)	
	2	5	6	
<u> </u>				
	Al	90	Pre	90