leclo Graph
r DFS/BES
L MST (Kruskal/Prim algorithm)
Graph: data structure that represents the relationships Ltw Connected objs.
Gingh _
Type (yele) Vertex / Edge. (node) Clink)
(Thole) CINTY
directed graph 0 00
Degree of Graph> I degree (V) = 2/E/ for undirected graph 6-6
directed graph $\rightarrow \leq in-degree(v) = \leq ast-degree(V) = E $
Ctraph Pegresentation.
T Adjacency monthix (undirected -> symmetric)
Adjancency Monthix (undirected -> symmetric) Adjancency Sist.
DFS (depthfirst search.) -> stack-) LHO/ reconsion.
Void dis-mat(GraphType *g, int v)
(inst wi)
Uisited[v]=TRUE)
for (come in some in the)
for (w=0), w <g-n; !visited="" (g-)="" [u])<="" [v][w]="" adj-mat="" for="" if="" td="" u++)=""></g-n;>
Afs-most (9/4); 1/ Afs on node wy
void dfs list (GraphType = int v)
Ctrophable This
printf(""/d")
for (w=g -adj -list CvJ; w=w-lint)
; f(!visited [w-vertex])
10. 19.460 IMM (OX).