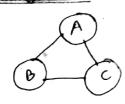
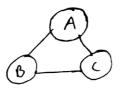
Graph

What is graph?

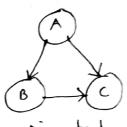


amph, G= (V,E)

Different types of Graph

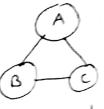


Undirected

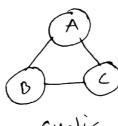


Vertex

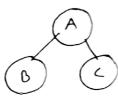
Directed



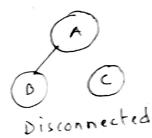
connected

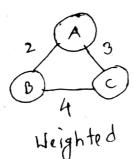


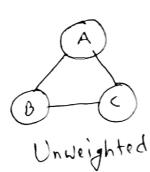
cyclic



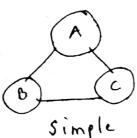
Acyclic



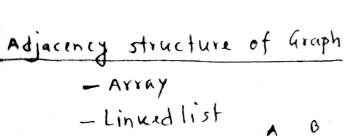


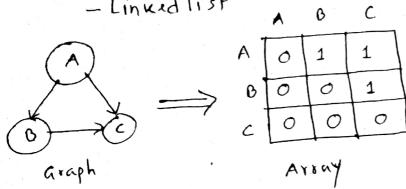


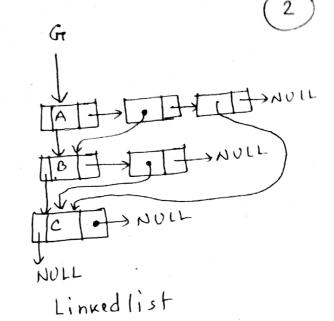
L Parullel edge



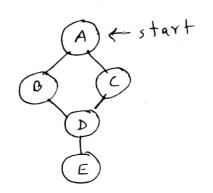
B) C Multigraph



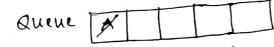




Graph Traversal Techniques	
- Brs (Breadth First search)	
-DFs (Depth First Search)	





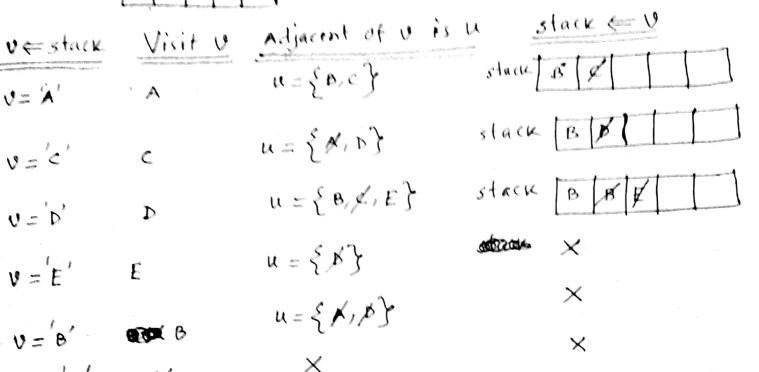


	. / : : 1 . 1	Adjacent of V is U
ve Quine	Visit v	
9 = 'A'	A	$u = \{B, C\}$
v = 'B'	B	$u = \{x, b\}$
	C	$u = \{ x, b \}$
v = c' $v = D'$	D	$u = \{ \beta, \zeta, E \}$
v = 'v'	×	×
19 - 'F'	E	$u = \{ \not b \}$

Visited sequence = { A, B, C, D, E}



Stack A |



Visited Sequence = { A,C,D,E,B}

Topological Ordering

V = B

