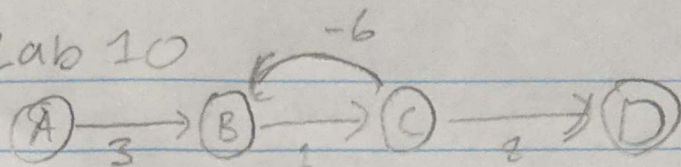


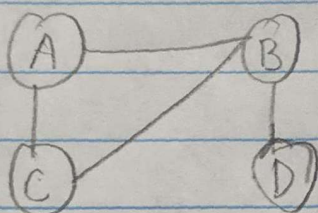
# Lab 10

Task 1)



- 1) Directed graph, directed weighted graph
- 2) 4 vertices
- 3) 4 edges
- 4) A, B, C, D

Task 2 =



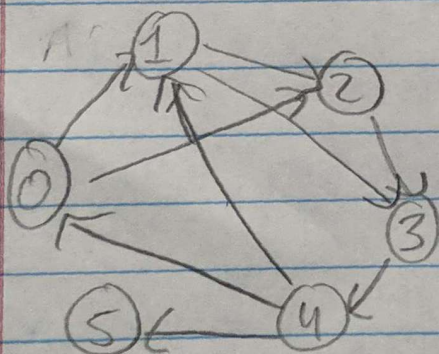
Adjacency List

vertices	Adjacent vertices (edges)
A	B C
B	A C D
C	A B
D	B

Adjacency matrix

	A	B	C	D
A	0	1	1	0
B	1	0	1	1
C	1	1	0	0
D	0	1	0	0

=>



vertices Adjacent vertices

vertices	Adjacent vertices
0	1, 2
1	2, 3
2	3
3	4
4	0, 1, 5
5	-

	0	1	2	3	4	5
0	0	1	1	0	0	0
1	0	0	1	1	0	0
2	0	0	0	1	0	0
3	0	0	0	0	1	0
4	1	1	0	0	0	1
5	0	0	0	0	0	0

Linked list?

