



NORTH SOUTH UNIVERSITY

Department of Electrical and Computer Engineering

Assignment – 08

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Course No.	: CSE 225
Course Title	: Data Structures and Algorithm
Section	: 06
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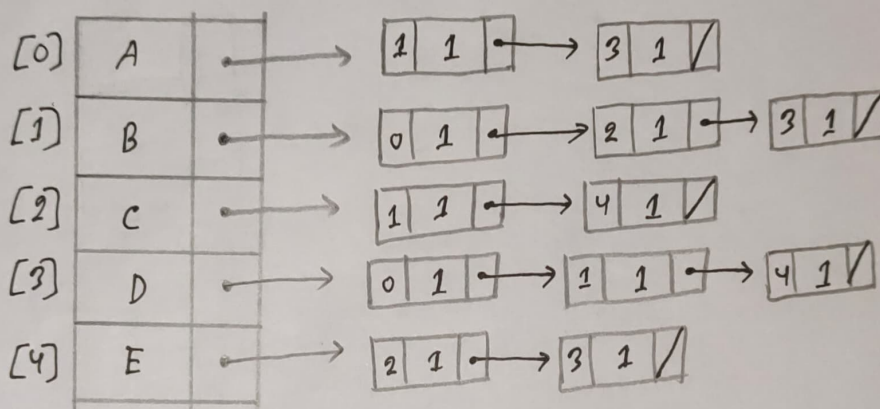
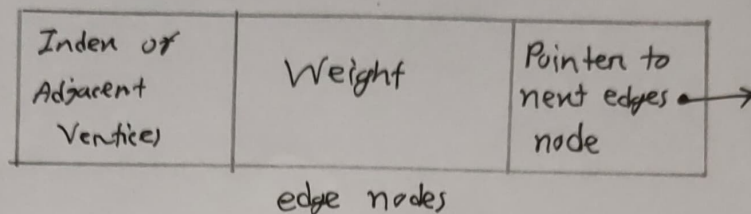
1. Memory representation of the given graph using array (Adjacent Matrix):

			[0]	[1]	[2]	[3]	[4]
0	A	[0]	0	1	0	1	0
1	B	[1]	1	0	1	1	0
2	C	[2]	0	1	0	0	1
3	D	[3]	1	1	0	0	1
4	E	[4]	0	0	1	1	0

Vertices

Edges

2. Memory representation of the given graph using Linked List (Adjacent List):



Vertices

Edges