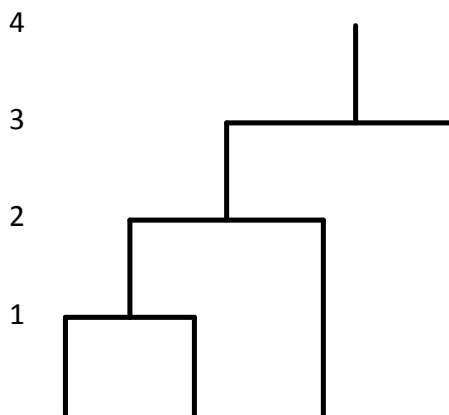


Q1. Show the dendrogram created by the single, complete, and average link clustering algorithms using the following adjacency matrix:

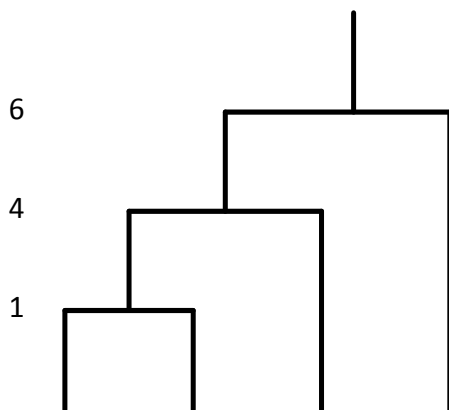
	A	B	C	D
A	0	1	2	3
B	1	0	4	5
C	2	4	0	6
D	3	5	6	0

Answer :

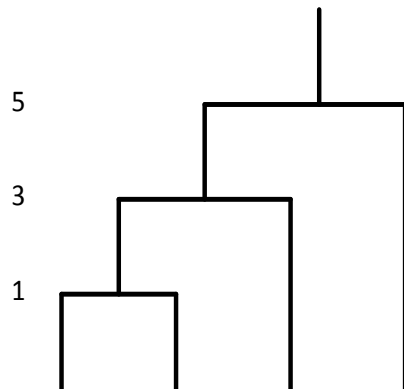
1. Single Link :



2. Complete Link :



3. Average Link :

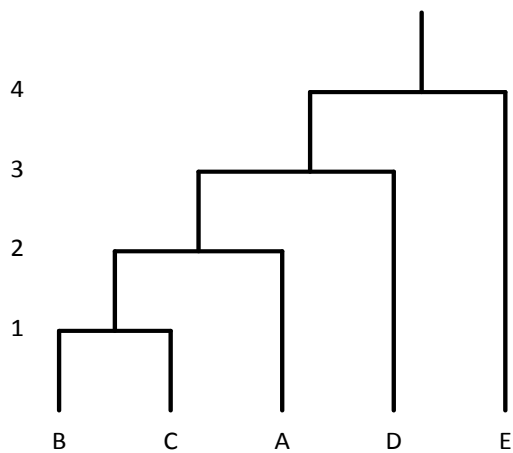


Q2. Show the dendrogram created by the single, complete, and average link clustering algorithms using the following adjacency matrix:

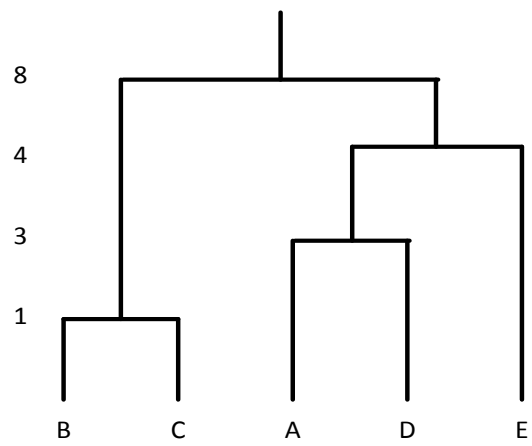
	A	B	C	D	E
A	0	2	3	2	4
B	2	0	1	8	6
C	3	1	0	7	5
D	2	8	7	0	3
E	4	6	5	3	0

Answer :

1. Single Link :



2. Complete Link :



3. Average Link :

