

1. Perform Hierarchical Clustering to the following and draw the denrpgram

Distance matrix

	A	B	C	D	E
A	0				
B	9	0			
C	3	7	0		
D	6	5	9	0	
E	11	10	2	8	0

2. Perform K-Means Clustering to the following datapoints

id	x	y
1	1	1
2	1.5	2
3	3	4
4	5	7
5	3.5	5
6	4.5	5
7	3.5	4.5