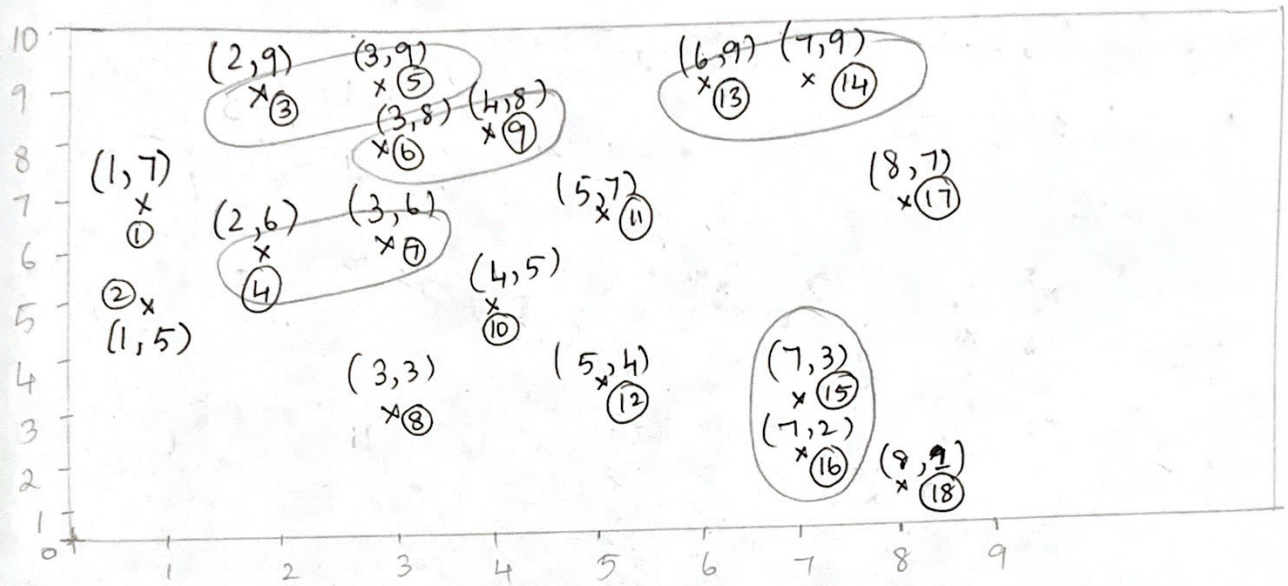
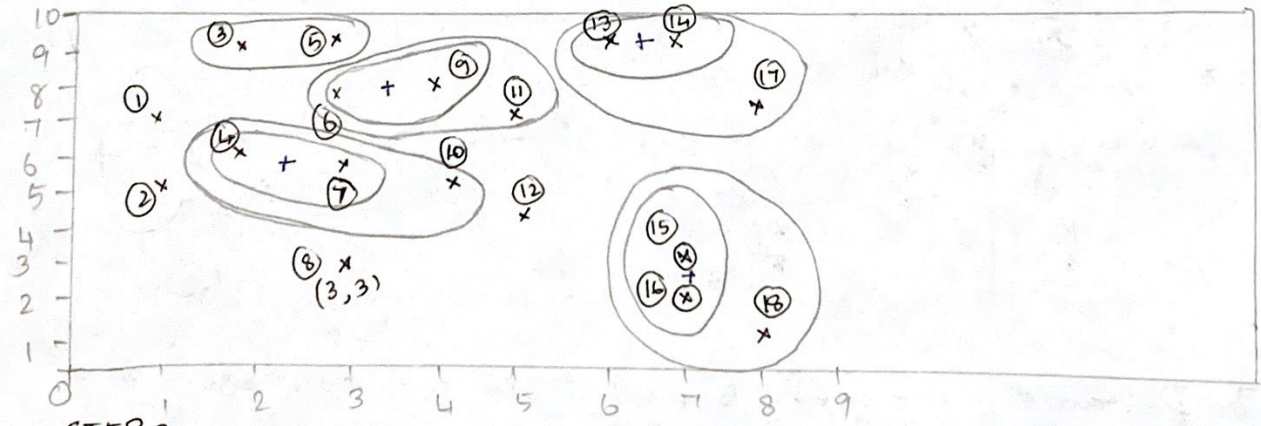


STEP 1 :

1,2	2	3,5	1	6,9	1	13, 14	1
1,3	2.23	3,6	1.414	7,10	1.414	14, 17	2.23
1,4	1.414	5,6	1	8,10	2.23	11, 17	3
2,4	1.414	4,7	1	9,11	1.414	15, 16	1
3,4	3	7,8	3	10,12	1.414	16, 18	1.414



STEP 2

Centroid of 3, 5 - (2.5, 9)

Centroid of 6, 9 - (3.5, 8)

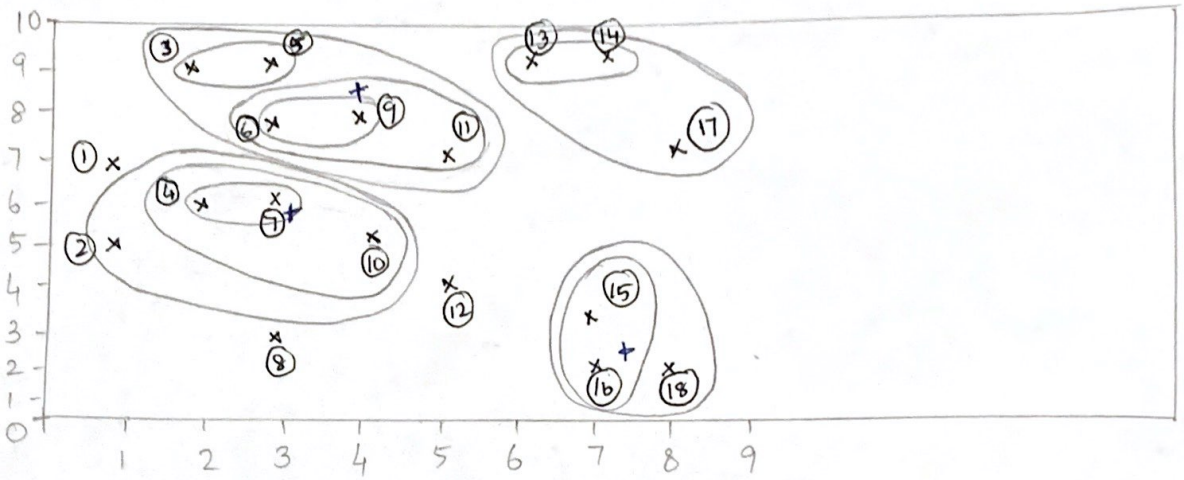
Centroid of 4, 7 - (2.5, 6)

Centroid of 15, 16 - (7, 2.5)

Centroid of 13, 14 - (6.5, 9)

1 + 1.80
2 + 1.80
10 + 1.80
18 + 1.80
17 + 2.5

11 + 1.80
8 + 3.04
12 +



STEP 3 :

Centroid of 4, 7, 10 (3, 5.6)

Centroid of 6, 9, 11 (4, 9)

Centroid of 3, 5 (2.5, 9)

Centroid of 15, 16, 18 (7.3, 2)

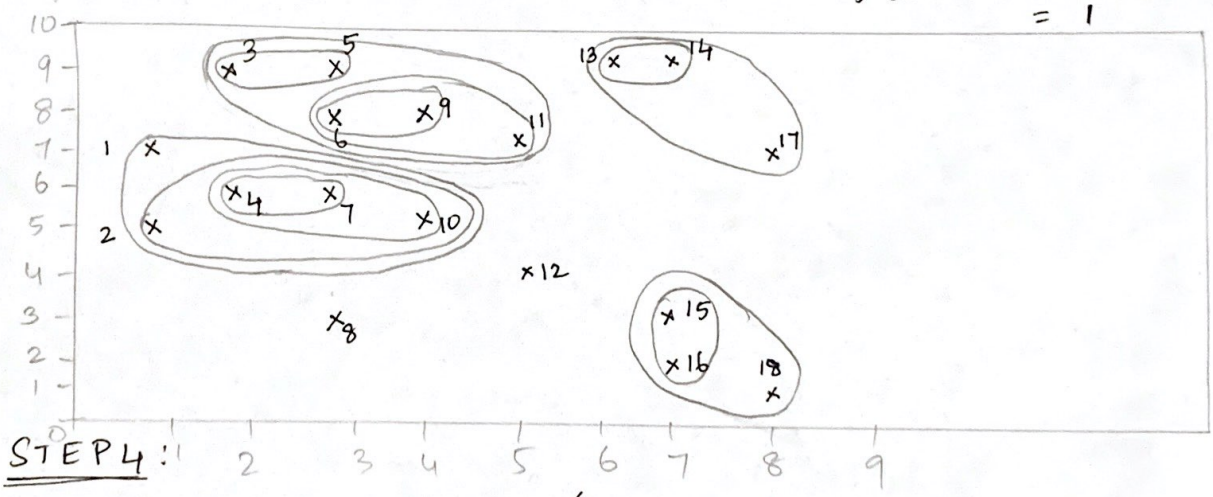
1 + 2.44

2 + 2.08

12 + 2.56

8 + 2.6

(3,5) (6,9) = Distance between 5 and 6 the closest = 1



STEP 4 :

Centroid of (2, 4, 7, 10) (2.5, 5.5)

1 + 2.12

12 + 2.91

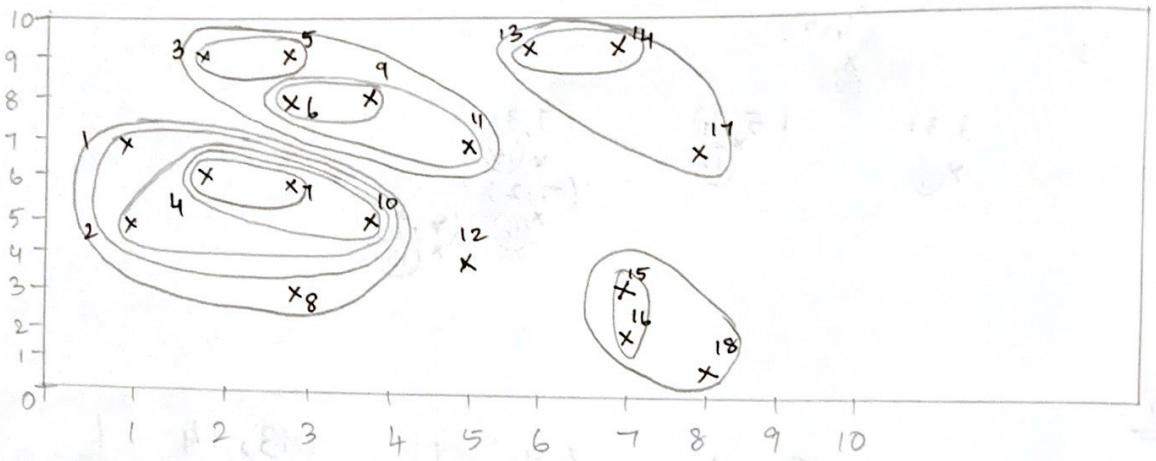
8 + 2.54

STEP 5:

Centroid of (1, 2, 4, 7, 10) (2.2, 5.8)

12 + 3.32

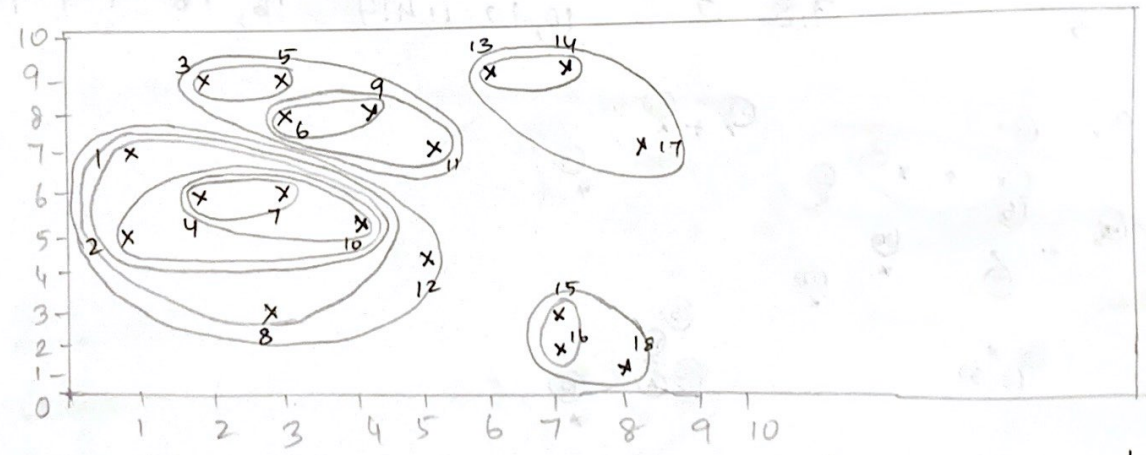
8 + 2.91



STEP 6

Centroid of (1, 2, 4, 7, 10, 8) (2.3, 5.3)

12 + 2.99



STEP 7 Distance between 6 and 7 is the nearest = 2