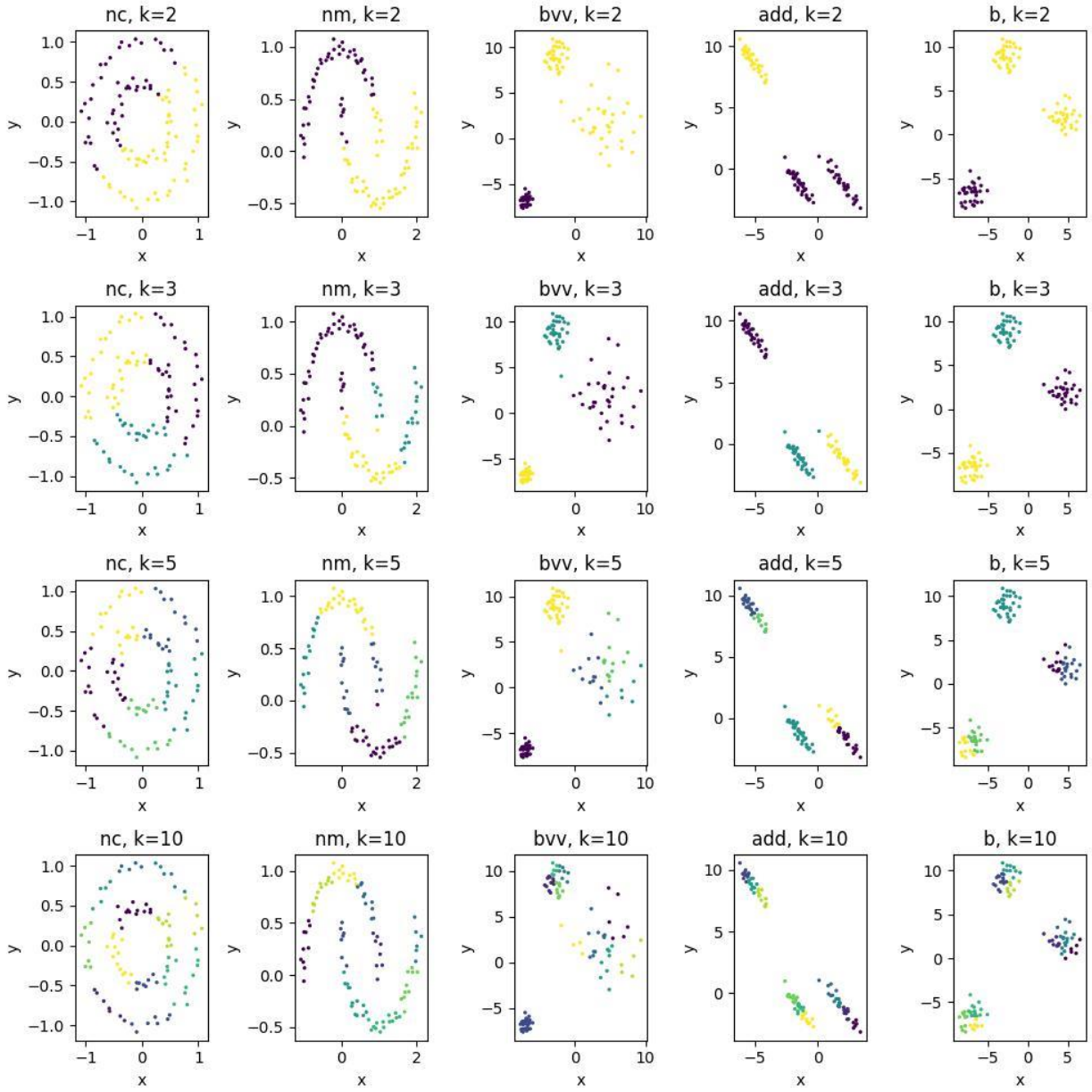
Data Mining Programming Assignment – 2

Pramodh Sairam Punjai Venkataraman (PP23D)

Part – 1

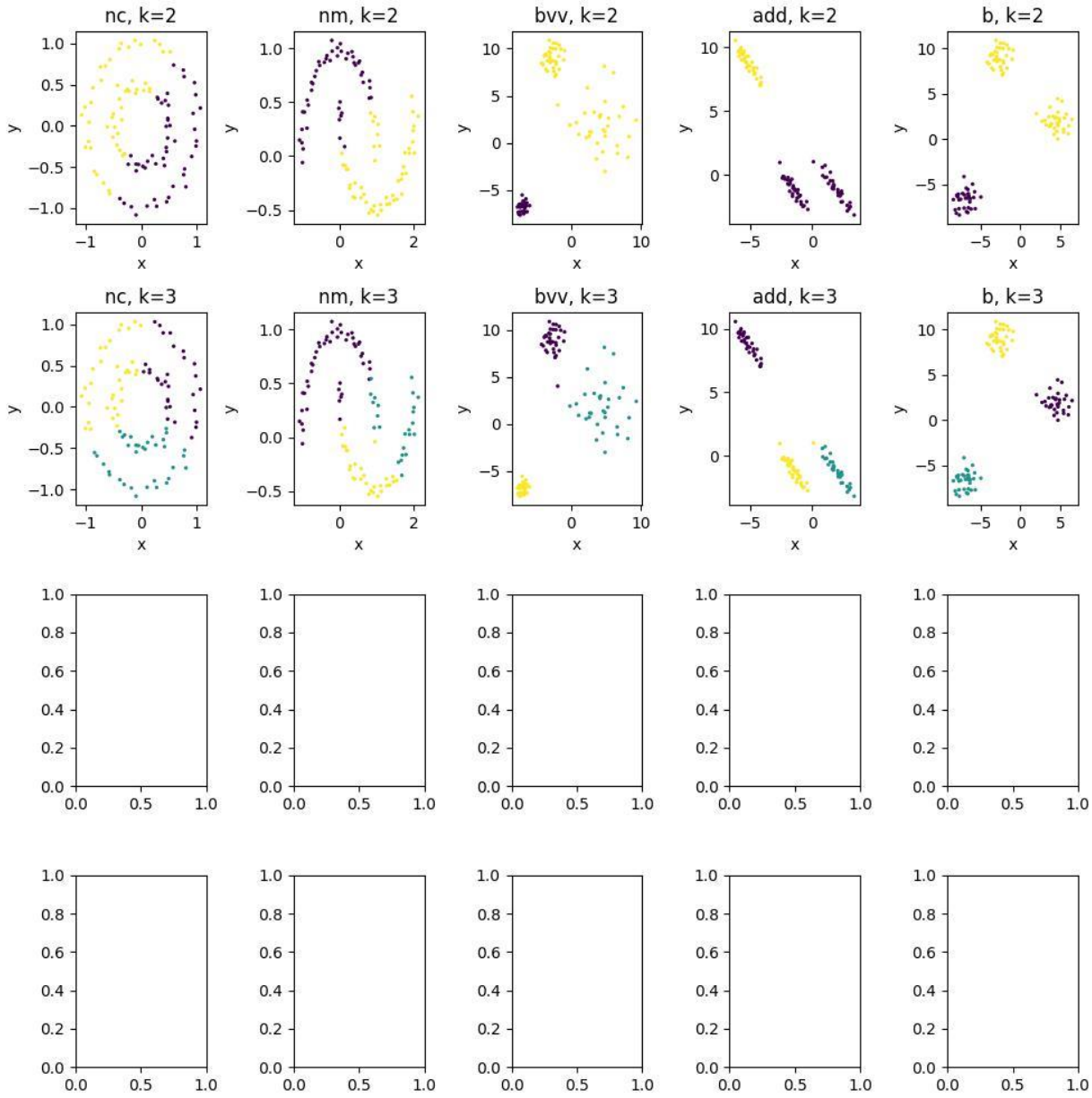
Question C



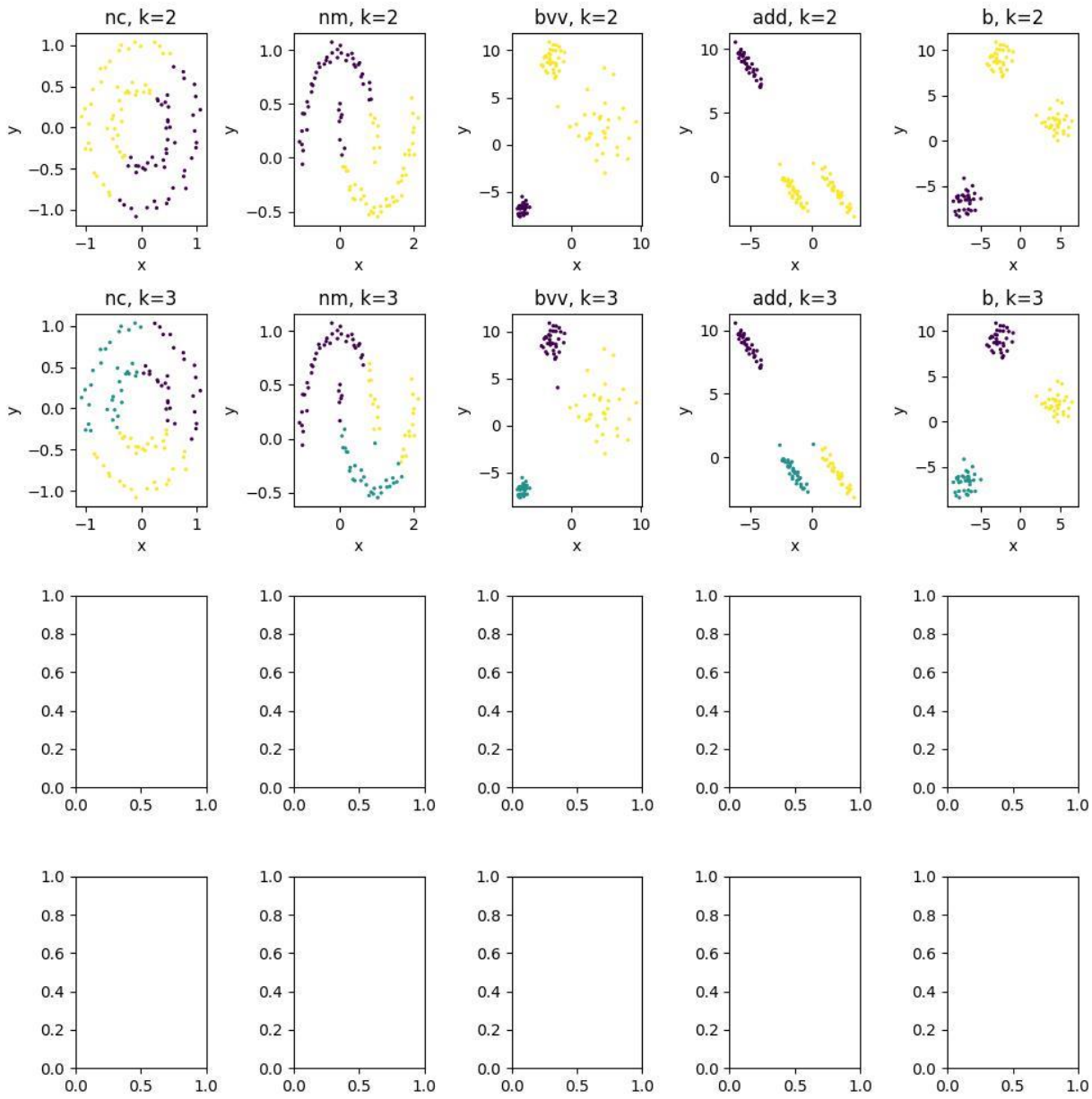
Question D

For 5 iterations each with random initializations and k=2,3

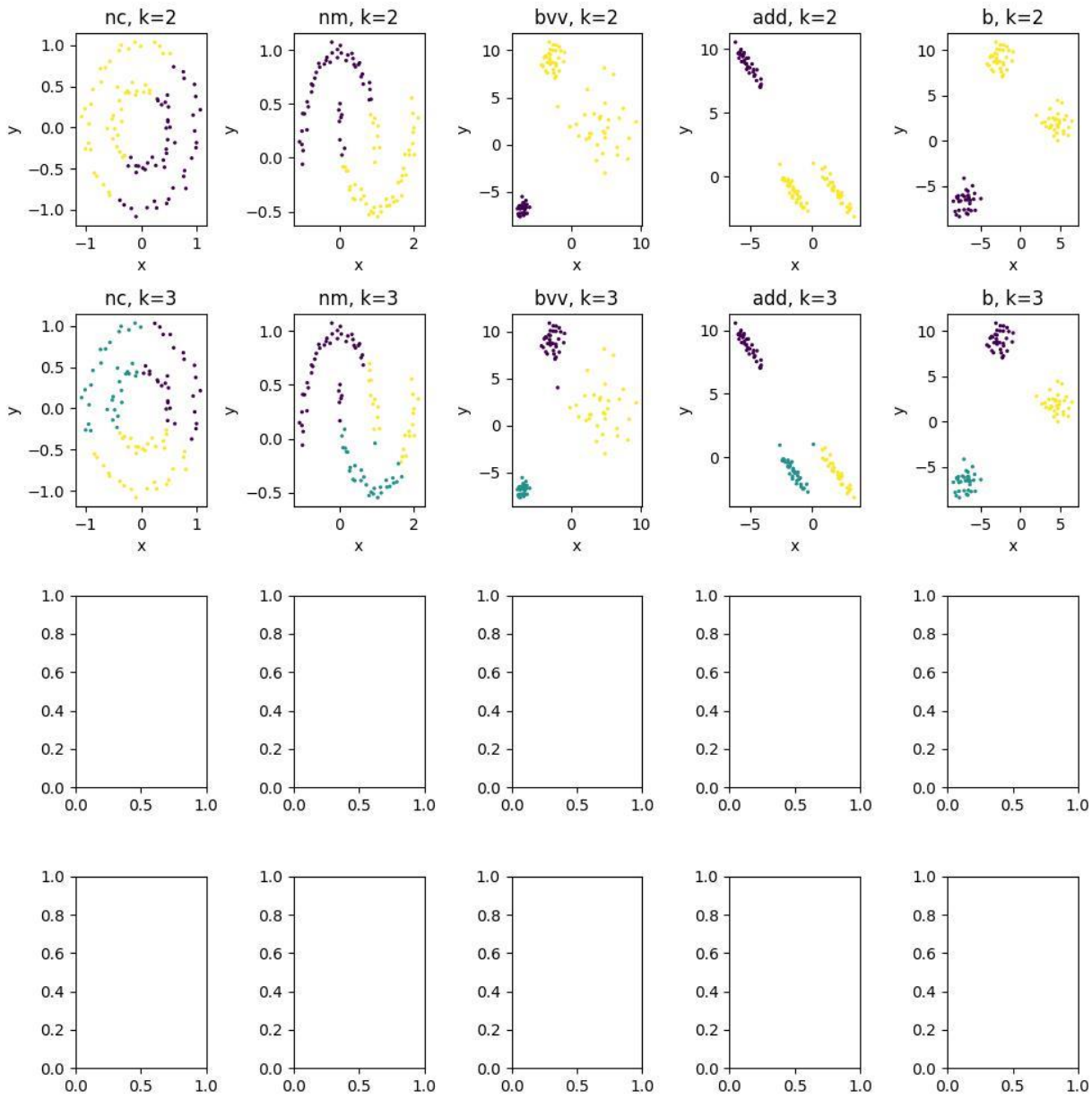
Iteration 1 :



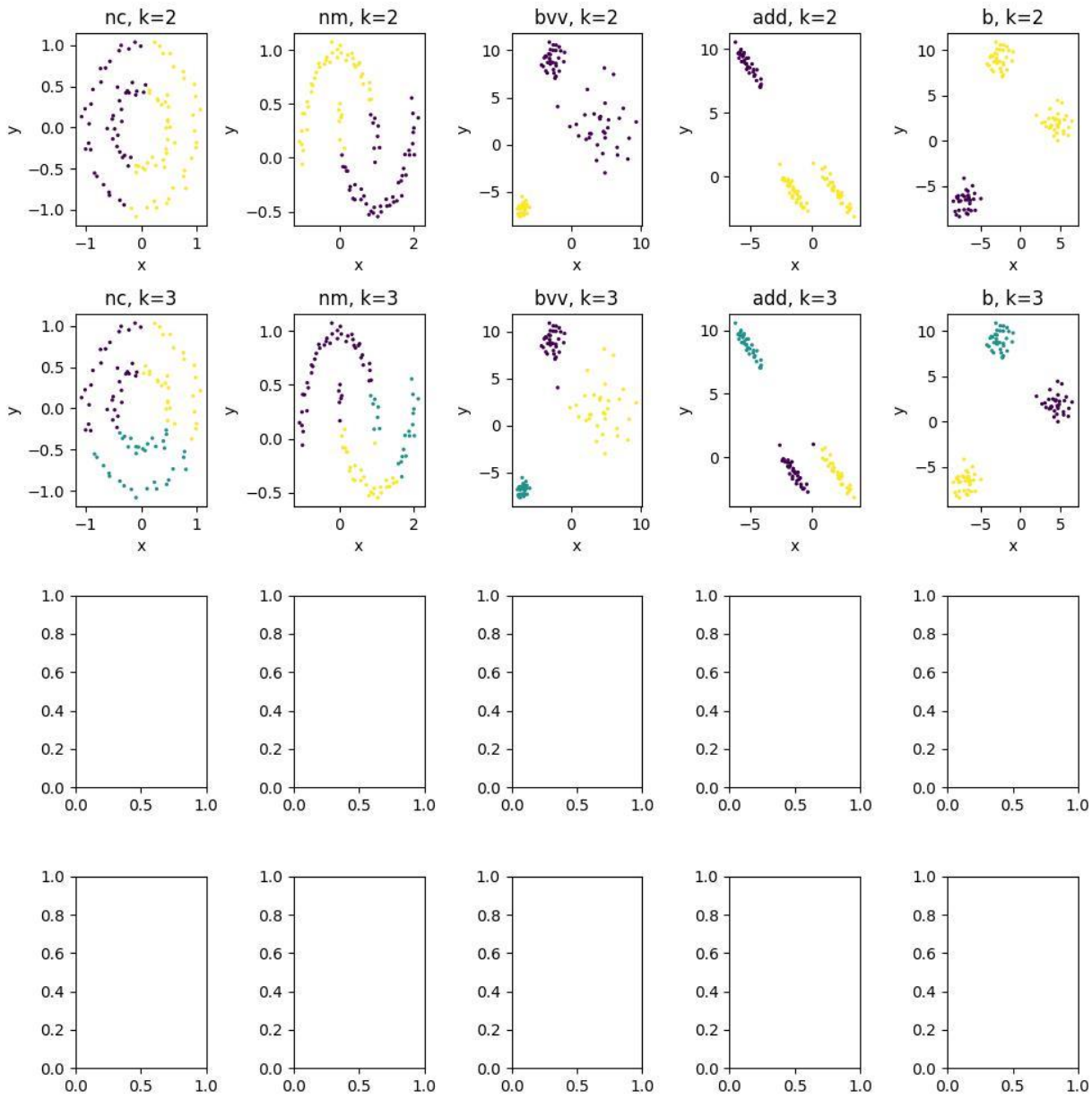
Iteration 2 :



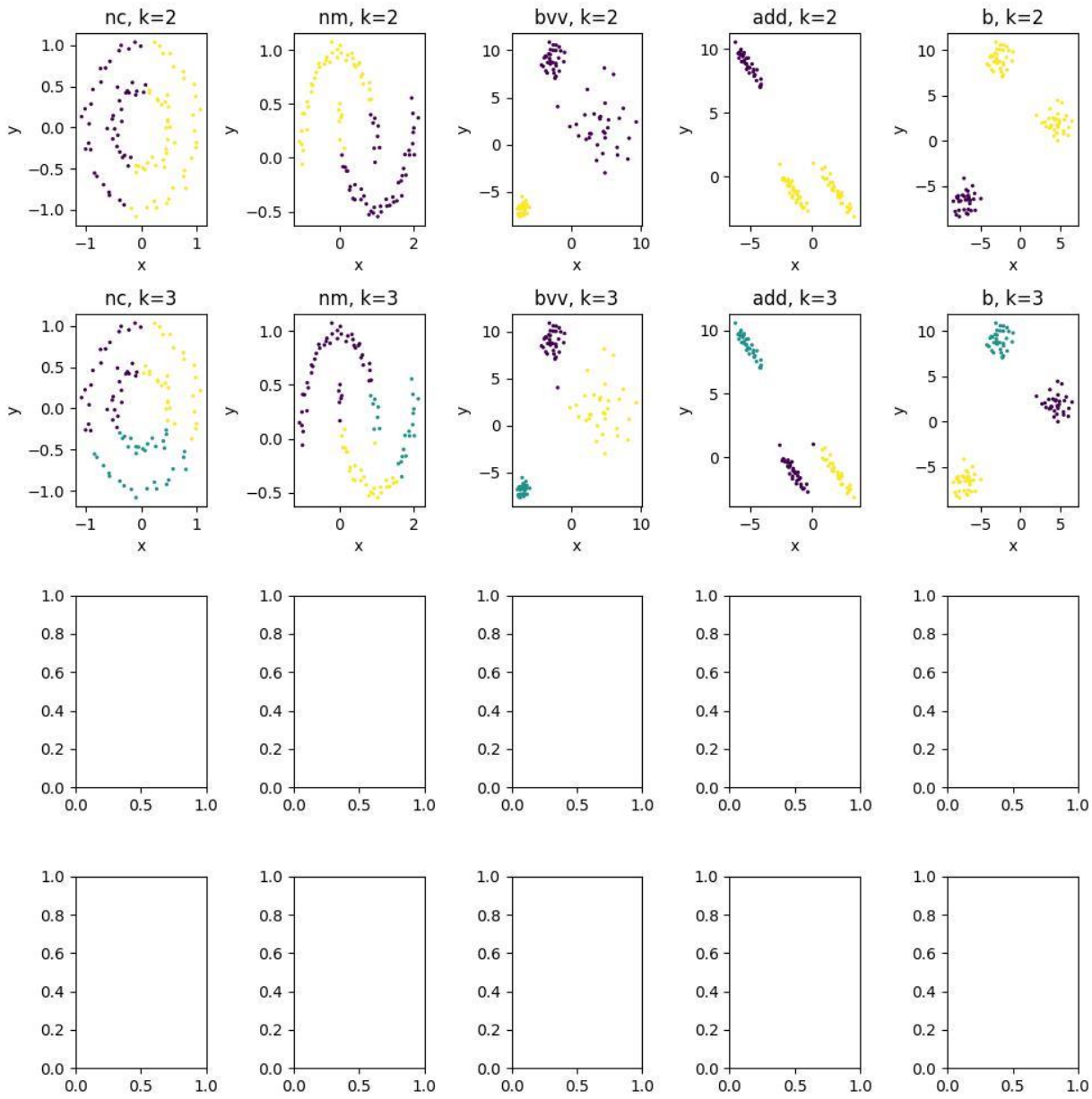
Iteration 3:



Iteration 4:

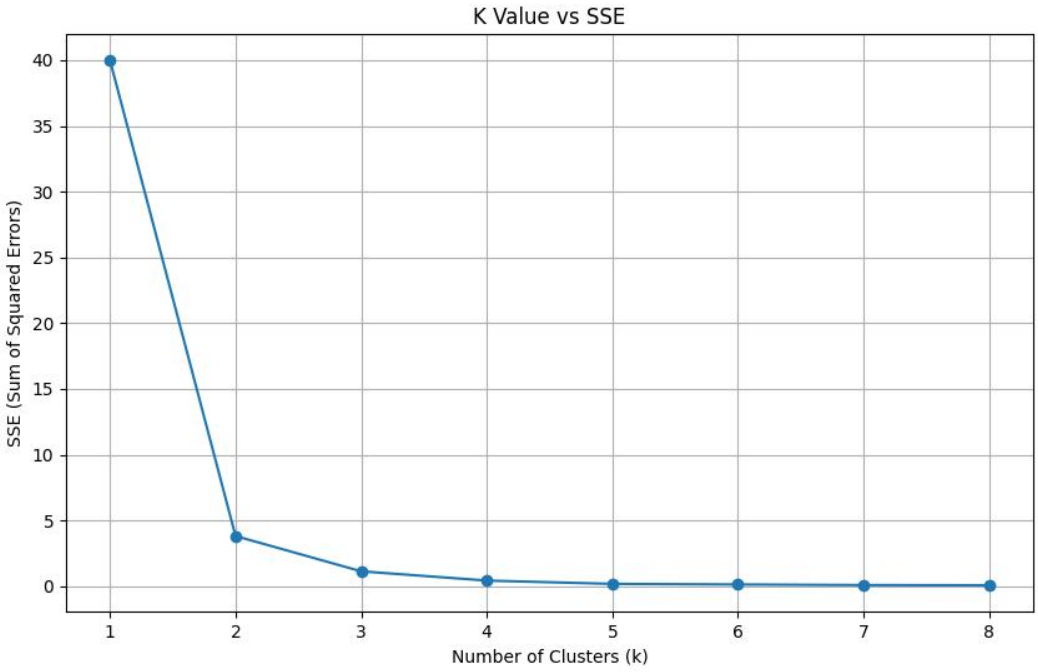


Iteration 5:

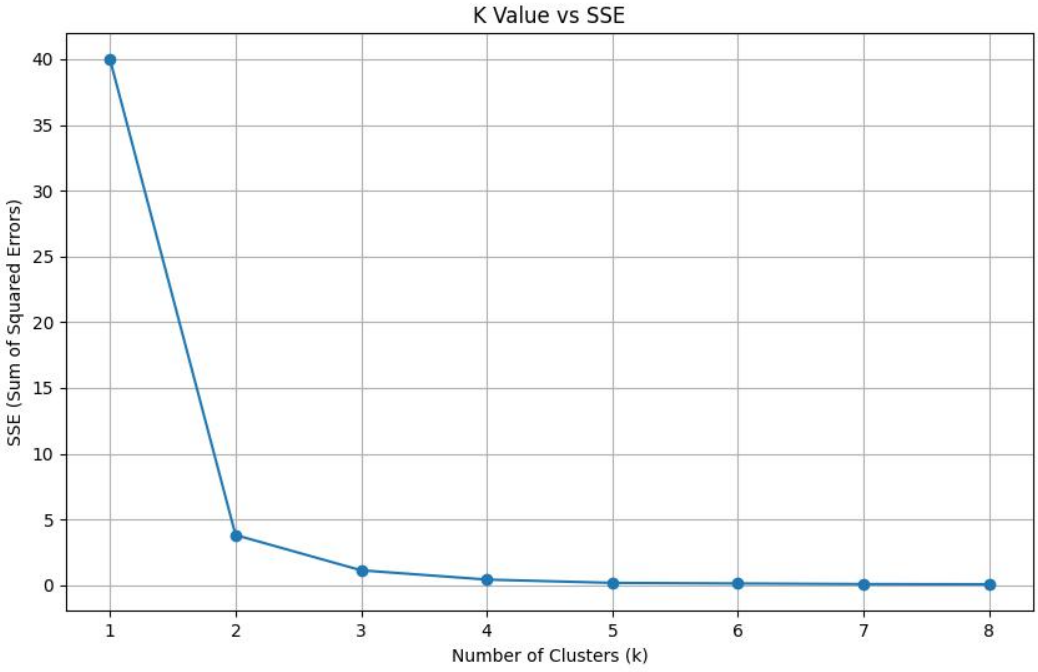


Part 2

Question C

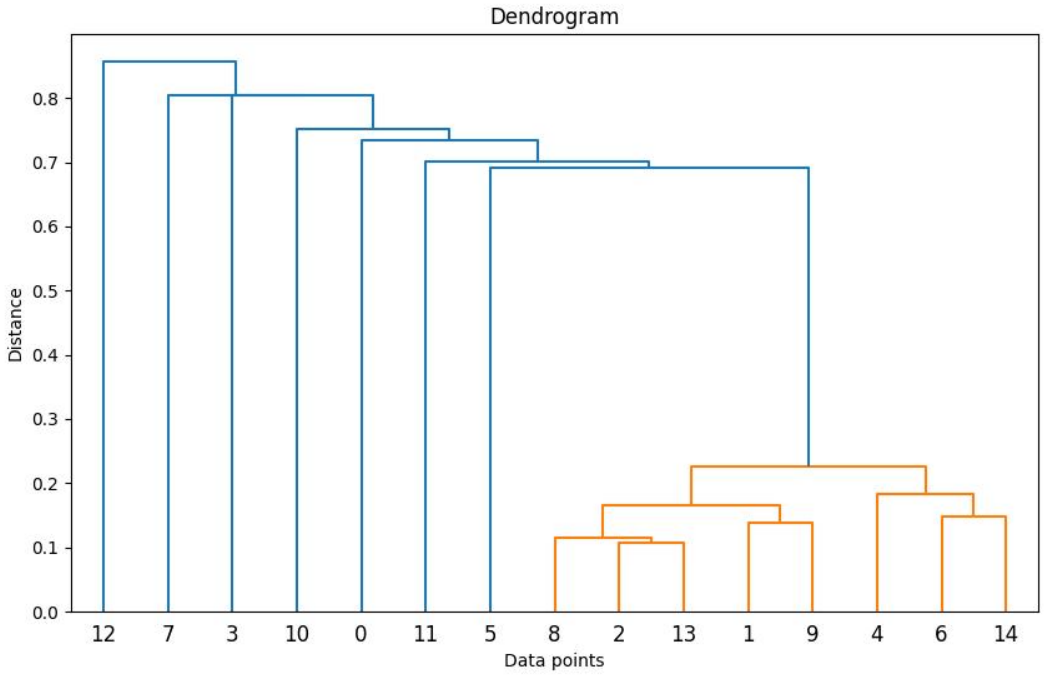


Question D



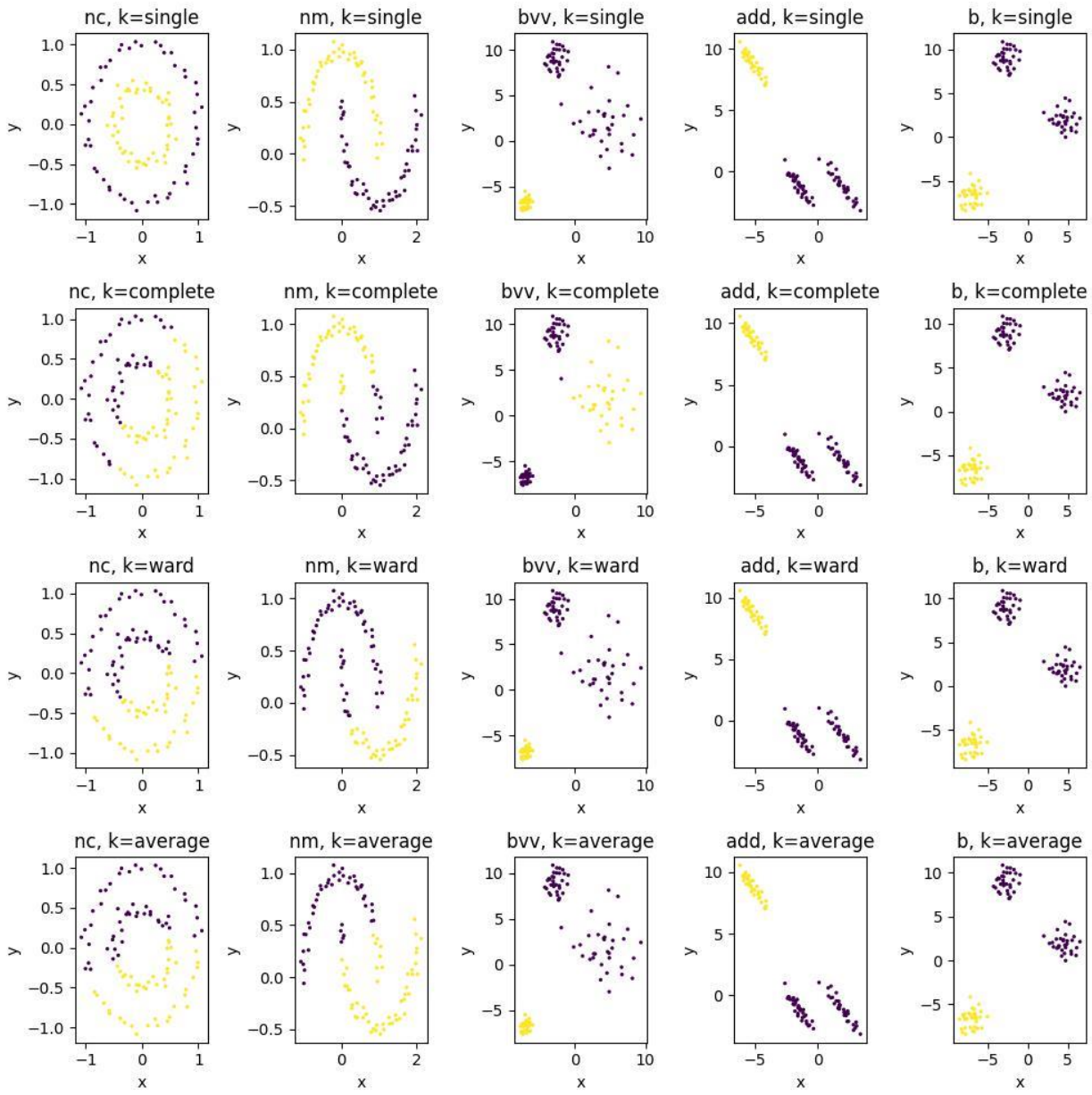
Part 3

Question B

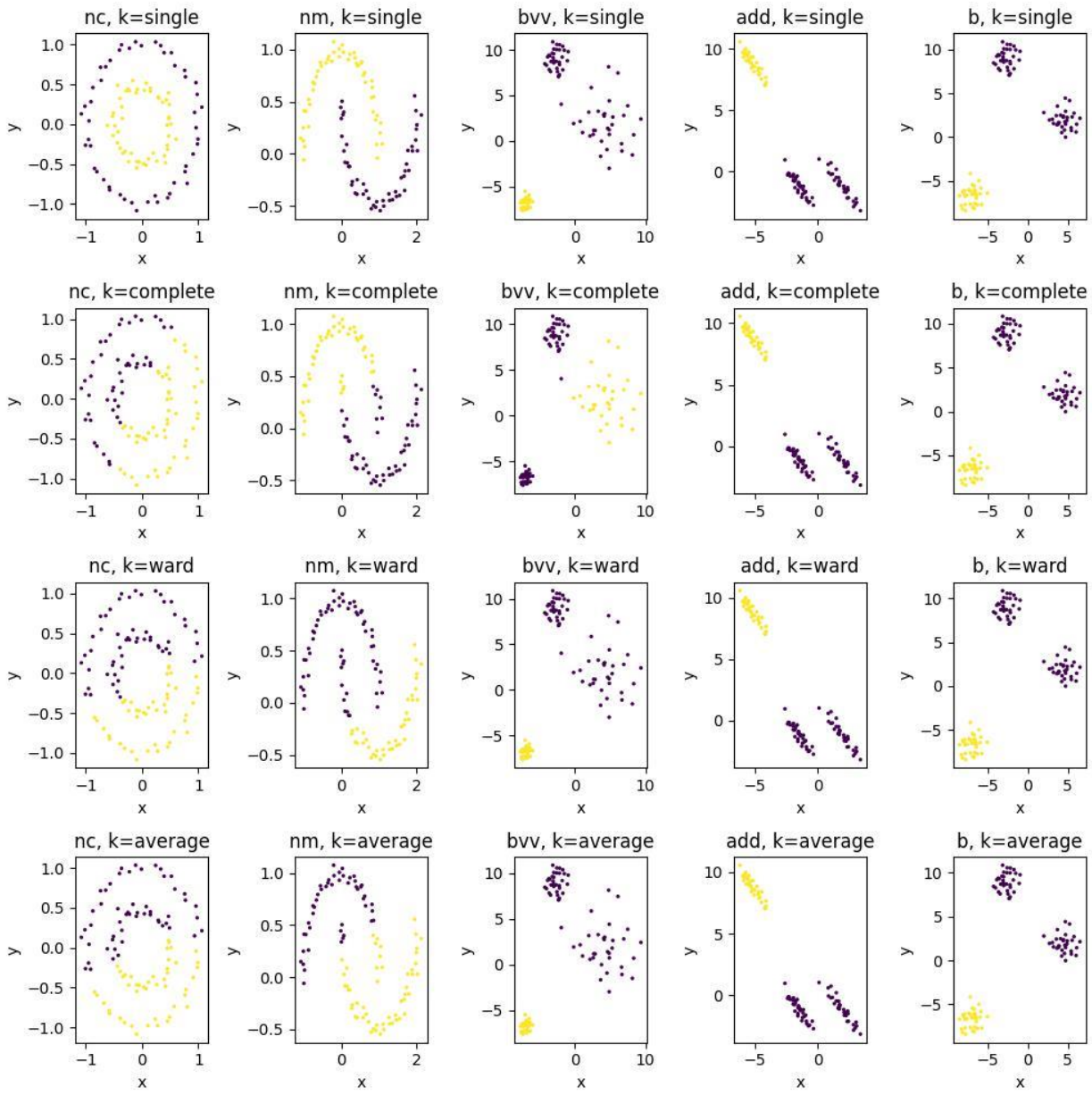


Part 4

Question B



Question C (With Distance Threshold)


nc, k=single
nm, k=single
bvv, k=single
add, k=single
b, k=single
nc, k=complete
nm, k=complete
bvv, k=complete
add, k=complete
b, k=complete
nc, k=ward
nm, k=ward
bvv, k=ward
add, k=ward
b, k=ward
nc, k=average
nm, k=average
bvv, k=average
add, k=average
b, k=average
x
y