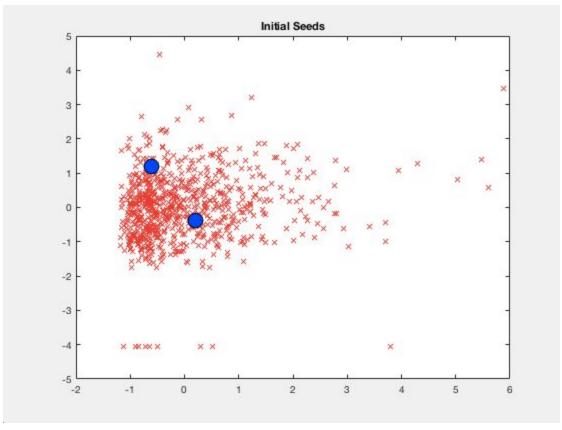
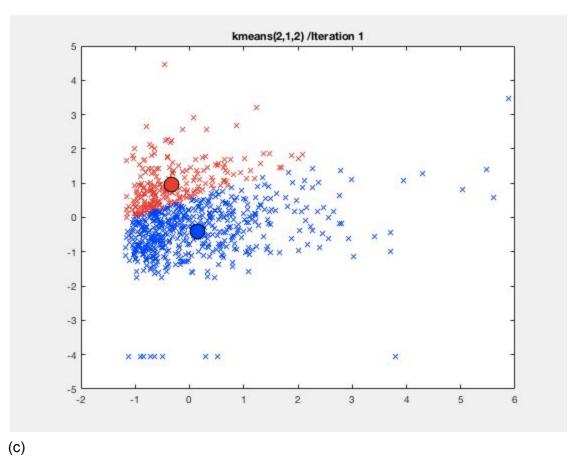
1. None

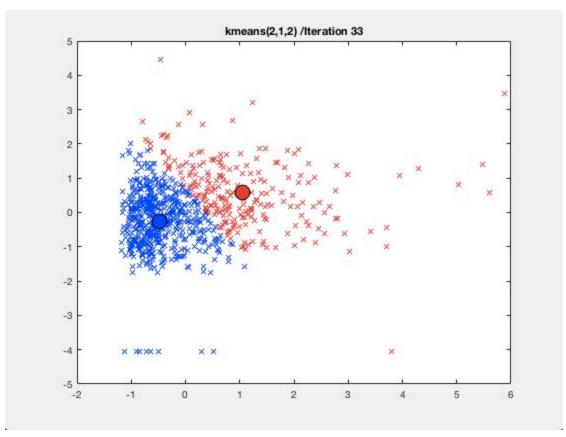
2.

(a)



(b)





It took 33 iterations to terminate.

3. The purity value is 0.6510

4.

