Assignment-4 (K-means Clustering)

* Define the number of clusters (K=3)
* Select K numbers of random points within the data as centroids
* Calculate the distance between centroids and other points
* Assign the points to the closest cluster
* Calculate the center of the cluster
* Repeat steps 3-5 until the centroids remain unchanged
* Print the centroids of the three clusters
* Print all of the three clusters as well