IE406 LAB ASSIGNMENT 7

**Implement k-means clustering algorithm. Use the two dataset files for the following:**

1. Visualize the datasets.
2. Use random initial cluster centers and try the algorithm for different values for K. (i.e. k=1,2,3…)
3. Visualize the cluster formation for each value of K for both the datasets.
4. Utilize the Elbow method to find out the optimal number of Clusters (i.e. K)