Use k-means algorithm to cluster the Iris flower data set or Fisher’s Iris data set.

(The data set consists of 50 samples from each of three species of Iris (Iris setosa, Iris virginica and Iris versicolor). Four features were measured from each sample: the length and width of the sepals and petals, in centimeters.)

* Choose the number of cluster K
* Select K random points from the data as centroids
* Assign all the points to the closest cluster centroid
* Recompute the centroids of newly formed clusters
* Repeat steps 3 and 4