**Assignment -10**

1. Implement k-means clustering algorithm on given data

A1(2,10), A2(2,5),A3(8,4),B1(5,8),B2(7,5),B3(6,4),C1(1,2),C2(4,9)

Output: cluster means, samples and cluster to which that samples belongs to

1. Implement DBSCAN algorithm for above given data

Output: samples and cluster to which that samples belongs to

DATA WAREHOUSING:

Choose a multi dimensional database (datawarehouse) and implement the following aggregation perators using Advanced SQL Queries.

1. Rollup
2. Cube
3. Grouping sets