1. **Write a program to implement dbscan algorithm**

public int clusterInstance(Instance instance) throws Exception {

if (processed\_InstanceID >= database.size()) processed\_InstanceID = 0;

int cnum = (database.getDataObject(Integer.toString(processed\_InstanceID++))).getClusterLabel();

if (cnum == DataObject.NOISE)

throw new Exception();

else

return cnum;