## **Experiment 1.3**

**Student Name: Yash Gupta UID: 20BCS5009** 

**Branch: BE-CSE** Section/Group: 20BCS\_DM-716 B Semester: 6 Date of Performance: 28/02/23

**Subject Name: DM LAB** Subject Code: 20CSP\_376

## AIM:-

Demonstration of association rule mining using Apriory algorithm on supermarket data.

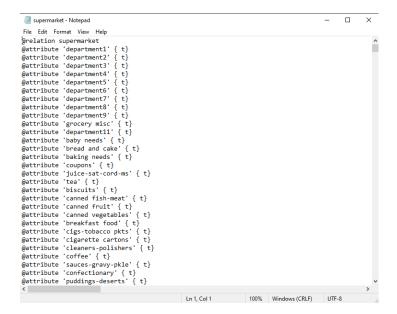
$$Support = \frac{frq(X,Y)}{N}$$

$$Rule: X \Longrightarrow Y \longrightarrow Confidence = \frac{frq(X,Y)}{frq(X)}$$

$$Lift = \frac{Support}{Supp(X) \times Supp(Y)}$$

## Output :-

Downloading database "supermarket".



Open WEKA → Workbench → select file → Associate



