

## DATA MINING ASSIGNMENT - 1(APRIORI RULE GENERATION USING HASH TREE)

TEAM MEMBERS :

- |    |                            |              |
|----|----------------------------|--------------|
| 1. | JULURU VENKATA NAGA SWETHA | 2014A7PS128H |
| 2. | WAJEEHA FATHIMA            | 2014A7PS131H |
| 3. | SOAMYA AGRAWAL             | 2014A7PS185H |

LANGUAGE USED : C++

COMPILATION STEPS:

The input file is read using file scanner and each transaction of the input is stored in a string which is later tokenised and used in the generation of hash tree and interesting rules. All the interesting rules are then printed on the external file named "rules1.txt".

Minimum support Threshold.	Minimum Confidence Threshold.	No. of interesting rules generated.
0.37	0.5	1412
0.4	0.5	474
0.3	0.4	13448
0.5	0.4	14