1.Implement using WEKA for the given Suppose a database has five transactions. Let min sup= 50%(2) and min con f = 80%. Prediction of Diabetes Data using Decision tree classifier in WEKA. Compare it with Support Vector Machine classifier. Show the result accuracy and F1 measure calculation .Plot the graph and explain the summary of results.

2.Transactions Items

1. T1  (M,O,N,K,E,Y)
2. T2  (D,O,N,K,E,Y)
3. T3  (M,A,K,E)
4. T4  (M,U,C,K,Y)
5. T5  (C,O, O, K, I ,E)

* Find all frequent item sets using Apriori algorithm
* Also draw FP-Growth Tree

3.. Prediction of Categorical Data using Decision Tree Algorithm through WEKA using any datasets. a) Tree b) Preprocess c) Logistic

4.Download the Dataset "water" From R dataset Link.Find out whether there is a linear

relation between attributes"mortality" and"hardness" by plot function.Fit the Data into

the Linear Regression model. Predict the mortality for the hardness=88.

5.The following table would be plotted as (x,y) points, with the first column being the x values as number of mobile phones sold and the second column being the y values as money. To use the scatter plot for how many mobile phones sold.

x 4 1 5 7 10 2 50 25 90 36 y 12 5 13 19 31 7 153 72 275 110