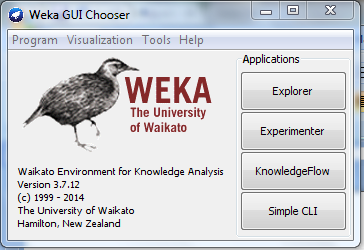
Step 1: download weka tool from <http://www.windows7download.com/win7-weka/tyjgajwi.html>



Step 2: Convert the given table in to data set

No. RID AGE Income Student Credit\_rating buys\_comp

1 1 youth high no fair no

2 2 youth high no excellent no

3 3 middle\_aged high no fair yes

4 4 senior medium no fair yes

5 5 senior low yes fair no

copy following code and save this file with .arff extension studentdet.arff

@relation studentdet

@attribute RID{1,2,3,4,5}

@attributee AGE{youth,middle\_aged,senior}

@attribute income{low,high,medium}

@attribute student{yes,no}

@attribute Credit\_rating{fair,excellent}

@attribute buys\_comp {yes,no}

@data

1,youth,high,no,fair,no

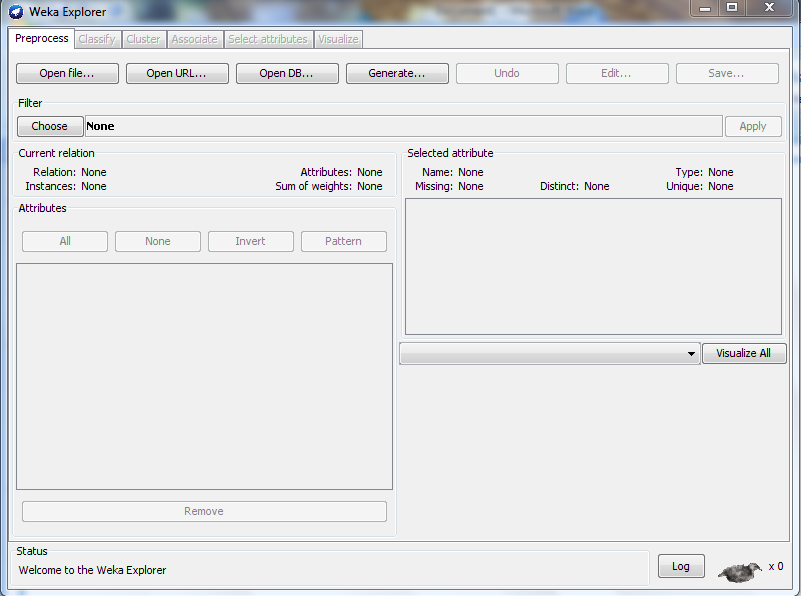
2,youth,high,no,excellent,no

3,middle\_aged,high,no,fair,yes

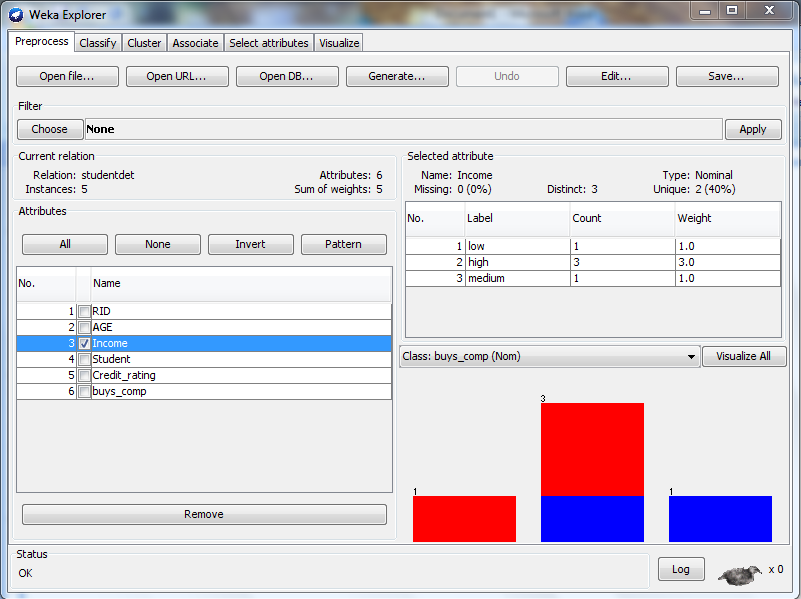
4,senior,medium,no,fair,yes

5,senior,low,yes,excellent,no

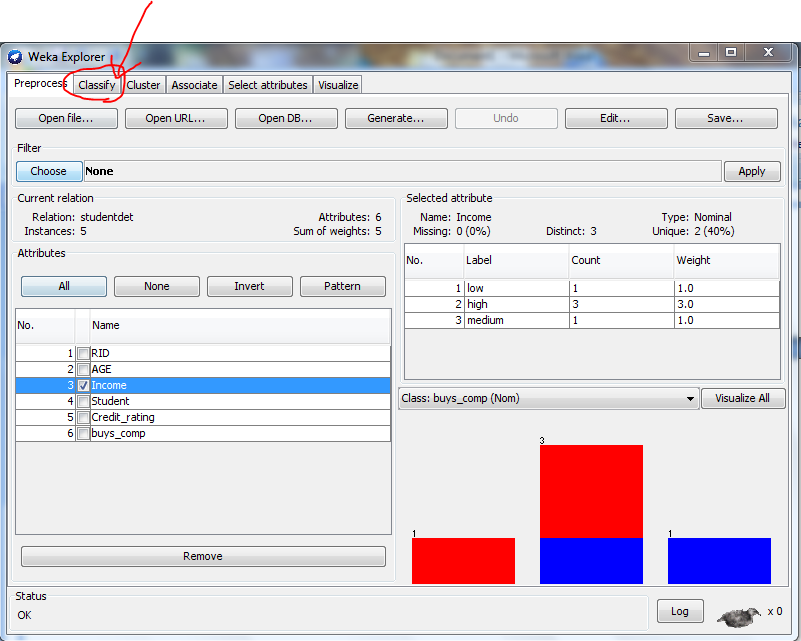
Step 3: click weka explore….



Step 4: click “open file” open your student.arff choose tour attribute



Step 5: **Weka EXPLORER :CLASSIFIER**

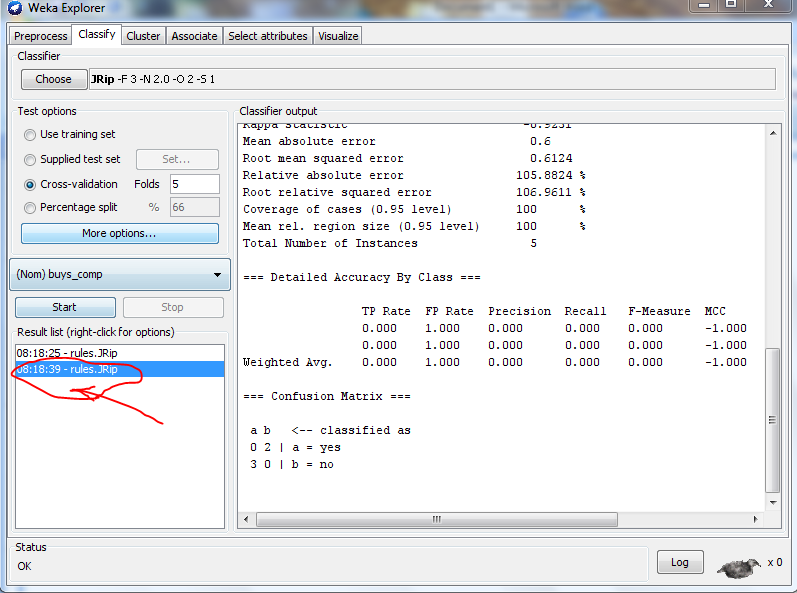


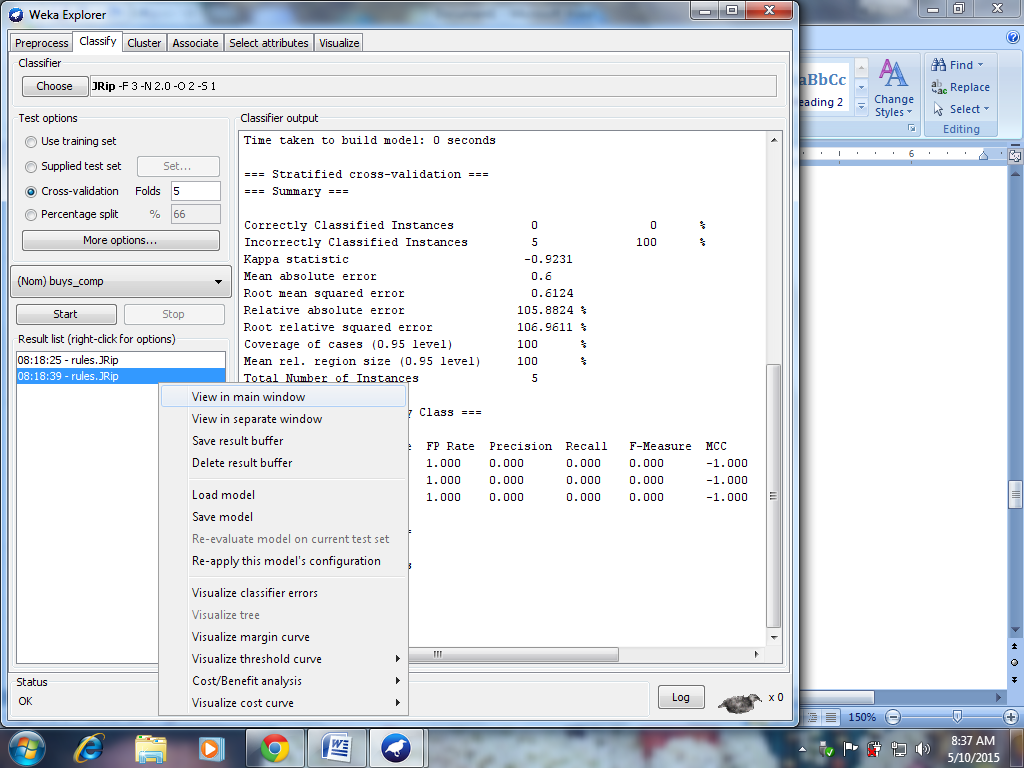
Step 6:

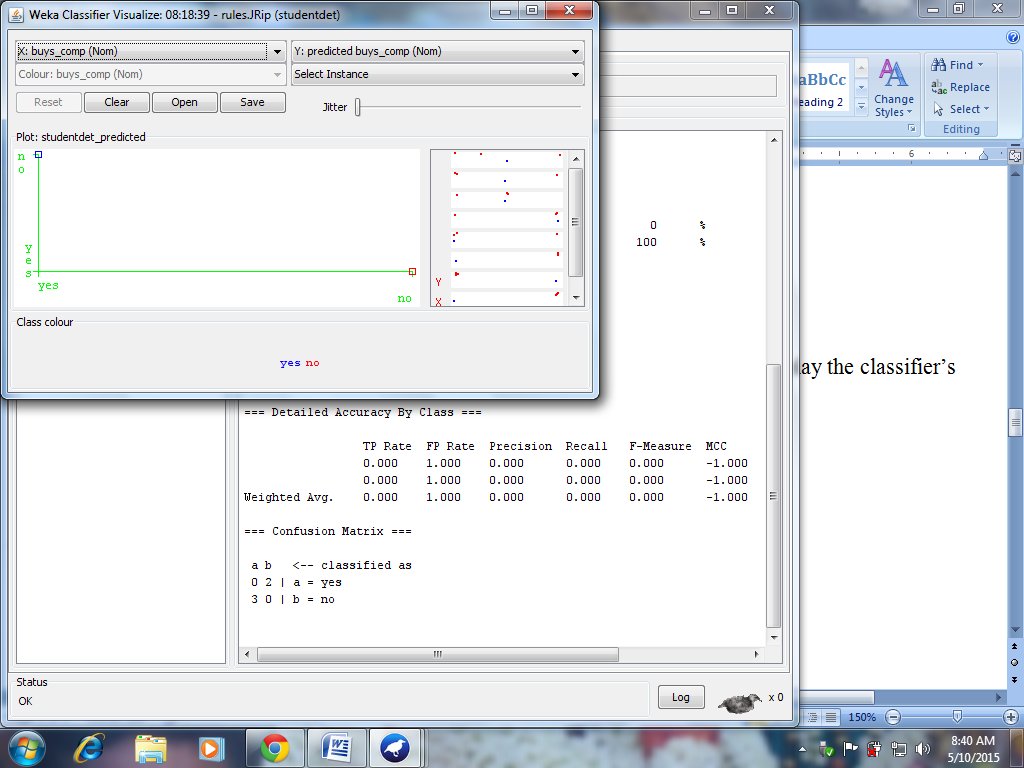
* Choose a cleassifier
* Under classifier.click choose,the drop-down menu appears
* Click trees and select JRip –decision tree algorithm
* From,test option
* Select Percentage Split (default ratio 66% training and 34% for testing)
* Click start to train and test the classifier.

Step 7:

* Right click the result list
* Choose “virtualise Clessifier error” then a new window will be poped out to display the classifier’s error
* Correctly predicated case

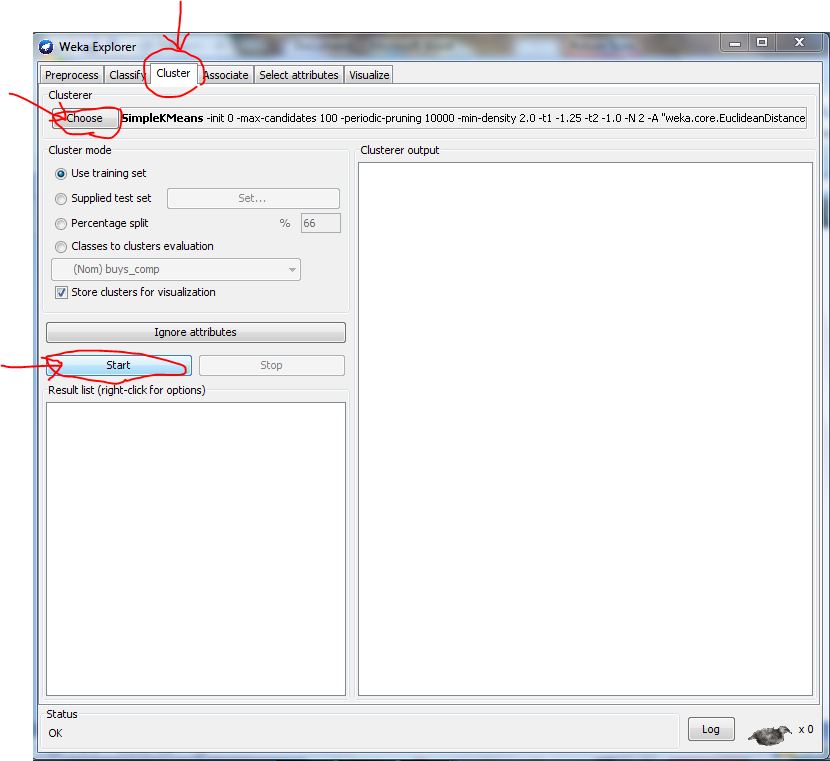


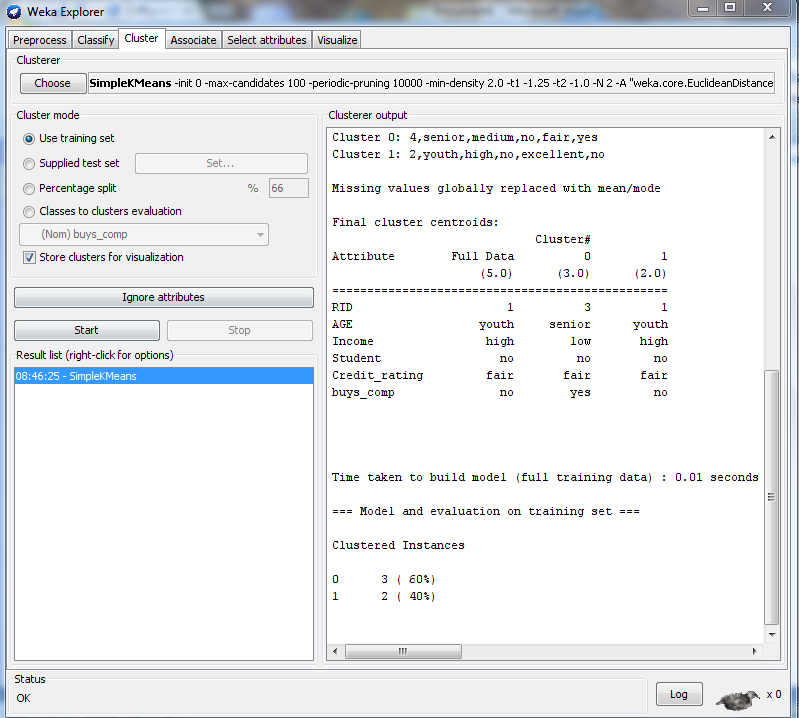


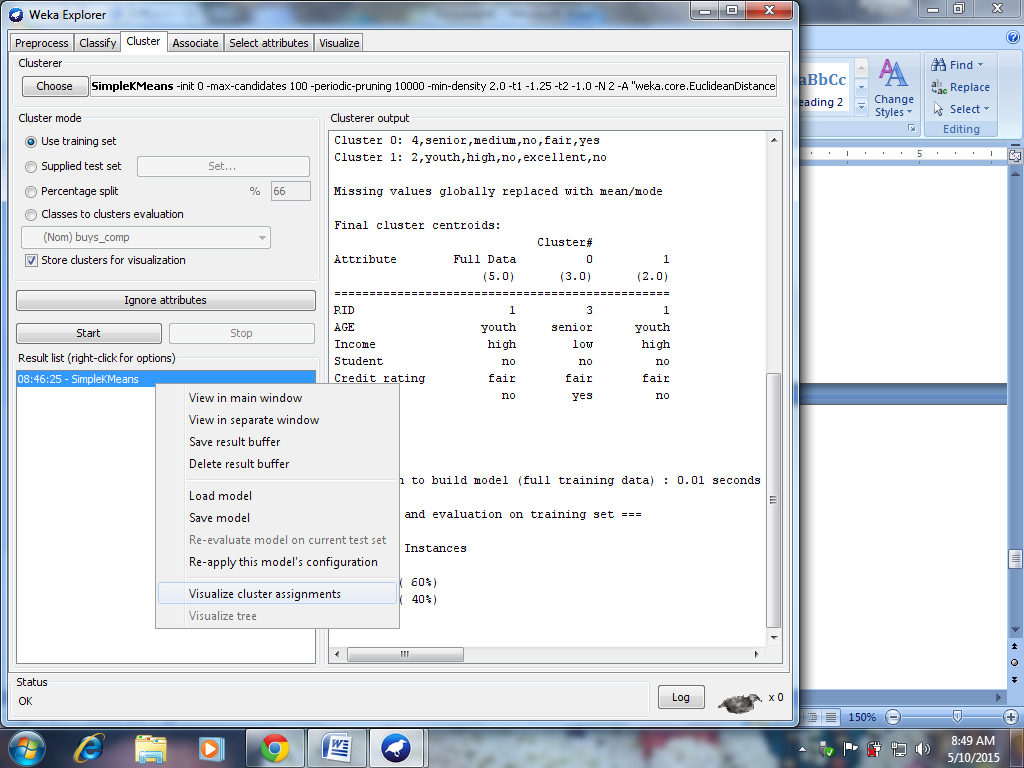


Step 8: WEKA EXPLORER :CLUSTER

* Select the cluster tab from the weka explorer window
* Seleck the k-mean from the “choose” tab
* Click the “percentage Split” option
* Click “start button”
* Right –click the result list for option
* Select the visualize cluster assignments







The window appears with cluster assignments

