Lab Exercise – 11: Naïve Bayes Classifier & Accuracy Calculation

NOTE:

* Prepare a PDF document and name the file as “Lab11_RegisterNo.pdf”.
* PDF file should consist Question No, Code, and Result for each Question.
* File Should be headed with your Register number, Slot number, Lab Exercise number.

1.
Develop Naïve Bayesian classifier for the data set “tennis.csv”. Consider the following test tuple and predict the whether a player can play tennis or not?

Test Tuple: (Sunny, cool, high, true)

2.
Construct Decision Tree Classifier for diabetes.csv file using predefined (like mlxtend) packages.

**Calculate the accuracy of a classifier using K-Fold cross validation and Bootstrap method.