**Lab00 : Numpy Project**

**Objectives:** numpy arrays and numpy functionality

Complete the following using data from the file *data.csv*.

Our data set has information about an election in US.

This data set contains the following columns:

* Number of voter
* Race of voter (white , others)
* Age of voter (age)
* Educate level of voter (years of education)
* Income of voter
* His/her vote (0 for candidate\_0, 1 for candidate\_1)
* #Import numpy
* #Load data in the file data\_1.csv into a numpy array and display.
* #Find and display who became the president with how many votes.
* #Find and display the age, education and income information about white and other voters of president in two different arrays.
* #Find and display the difference of number of white voters and other voters of the president.
* #Find and display the voters of president with education level greater than 12.
* #Find and display the mean of ages of the voters of president.
* #Find the mean of education levels of white voters and find the mean of education levels of other voters and display the difference between them.
* #Find and store in a boolean array, age\_35, if voter is older than 35.
* #Using age\_35 array, find and display the voters who vote for candidate\_1 and older than 35.
* #Find the difference between mean of incomes of voters who voted for president, and who voted for the other candidate.