31-07-2018 **Assignment Number 5 1740256**

**Importing Data Files Into R**

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**Aim:**

1. Load the iris dataset.

2. How many setosa species is there which has petal length greater than 3.

3. Find how many data points in the iris data set satisfies the condition that petal width is greater than the half of its length.

4. What is the mean and standard deviation of petal length?

5. Visualize the distribution of petal width over its length..

**Procedure:**

> library(datasets)

> libray(help="datasets")

Error in libray(help = "datasets") : could not find function "libray"

> library(help="datasets")

> iris

4. **Mean = 3.758**

Sepal.Length Sepal.Width Petal.Length Petal.Width Species

1 5.1 3.5 1.4 0.2 setosa

2 4.9 3.0 1.4 0.2 setosa

**Conclusion:**