**Practical 8**

**Data analysis in R**

Analyse IRIS dataset

1. Find dimensions, column names of the given dataset.
2. Find summary statistics of IRIS dataset.
3. Find the structure of IRIS dataset.
4. Find the subset of the given dataset where specis = ‘virginica’.
5. Find mean and standard deviation for sepal width and sepal length for each type of species.
6. Plot histogram and box plot of petal.length variable.
7. Plot the correlation amongst the attributes in the dataset.
8. Create side-by-side box plots of petal.width for each type of species.
9. Export the plot created by (6) as a .png file.
10. Draw the pie chart for species attribute.