Q1.

1. Load the data set “Orange” in the package “datasets” in R.
2. Give a display of first 6 observations of the dataset using a suitable command.
3. Compute summary measurements for the quantitative variables and interpret your results.
4. Compute the correlation coefficient between two variables, “age” and “circumference”.
5. Use a suitable diagram to find the relationship between above two variables mentioned in part c.
6. Justify your results obtained in part c & d.
7. Compare the “circumference” tree wise using suitable summary statistics and graphs.
8. Interpret the findings which you obtained in part g.

Q2.

1. Load the data set “iris” in the package “datasets” .
2. Identify the shape of the distributions of quantitative variables in the dataset using a suitable graphical method and comment on your findings.
3. Construct a frequency table for the variable “Species”.
4. Draw a suitable diagram to summarize the variable, “Species” and interpret.