Programming Assignment 2 14/08/2019

1. Write a Programme in R/Python to construct box plot. Compare your result (write your own code) with the result obtained using inbuilt function.

**Input:** X –set of input values

**Output:** Boxplot displaying 1st quartile, 2nd quartile, 3rd quartile, interquartile range and outliers.

1. Write a Programme in R/Python to construct histogram. Compare your result (write your own code) with the result obtained using inbuilt function.

**Input:** X –set of input values, interval

**Output:** Histogram and a table having interval range and its relative frequency and density.

1. Write a Programme in R/Python to construct scatter plot. Compare your result (write your own code) with the result obtained using inbuilt function.

**Input:** (a) (X1, Y1) Random value (b) (X2, Y2) linear relation (c) (X3, Y3) having Outliers

**(In all the cases use any physical data)**

**Output:** Scatter plot.