Answer the question below in word document and scan your file into a pdf file.

You must use R for all the plots and include all plots with appropriate labels in your answer.

Please provide direct, short and appropriate comments.

Rename your (1) R file and (2) pdf file with your student ID.

Submit the pdf file to https://forms.gle/sEebGrJwvHxuQ3V36 by 28th Oct 2022 (Friday), 5 pm.

Email your renamed R file to me at lkfoo@mmu.edu.my by 28th Oct 2022 (Friday), 5 pm. Put the email subject as Lab 3.

Question:

Read the file Lab3.csv into R. Refer to previous labs and lecture slides for the functions that you can use to construct each the plots. For question 3, you can use the R functions qqnorm() and qqline().

1) Construct a histogram for variable X1 in this file and comment on the plot.
2) Construct a boxplot for variable X1 in this file and comment on the plot.
3) Construct a QQ-plot for variable X1 in this file and comment on the plot.
4) Is variable X1 follow a normal distribution? If not, comment on the distribution of X1.

Repeat question 1 to 4 for variable X2 to X4 in the csv file.