

Question 3

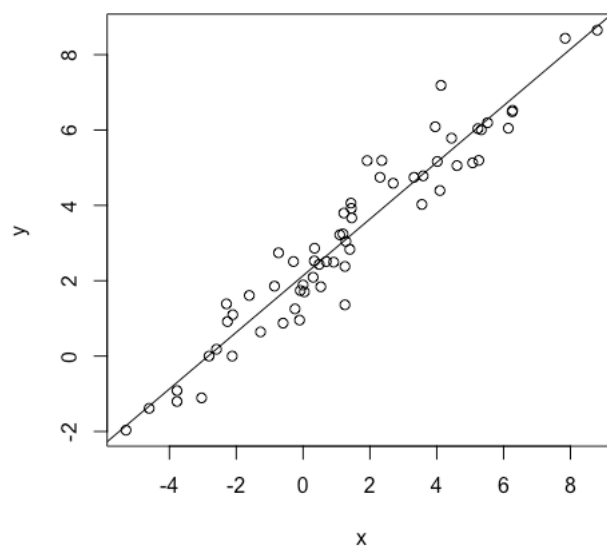
a) After executed the R code, it returns

$$\hat{\beta}_0 = 2.1347883$$

$$\hat{\beta}_1 = 0.7516861$$

$$\hat{\sigma}^2 = 0.4820435$$

b) After executed the R code, it returns the following graph



c) After executed the R code, it returns FALSE. There is at least one outlier in the data set.

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