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STAT3008 Assignment 1

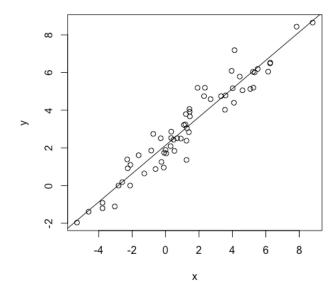
Question 3

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.