**Import data set**

dresi <- read.csv("F:/Christ/lab-LRM-5CMS and EMS/lab assignments/residual.txt", sep="")

View(dresi)

**Linear Regression Model**

lmodel=lm(Time~Length, data=dresi)

summary(lmodel)

**Residual Plots**

plot(lmodel)

r=resid(lmodel)

r

p=fitted(lmodel)

p

qqnorm(r) # to plot the q-q plot

qqline(r) # adds the reference line

abline(lmodel, col="red") # adds the regression line