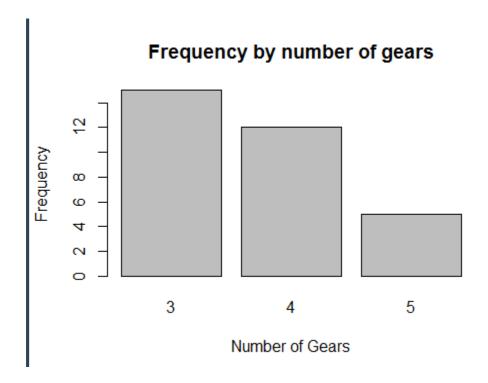
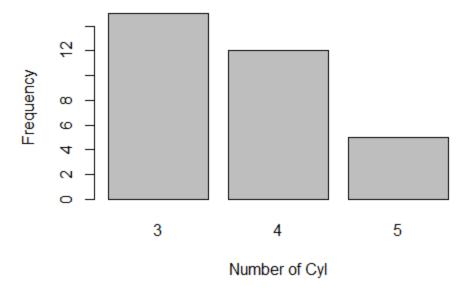
1. Write a program to create barplots for all the categorical columns in mtcars.

freq = table(mtcars\$gear)

barplot(freq, main = "Frequency by number of gears", xlab = "Number of Gears", ylab="Frequency")
barplot(freq, main = "Frequency by no of cyl", xlab = "Number of Cyl", ylab="Frequency")



Frequency by no of cyl

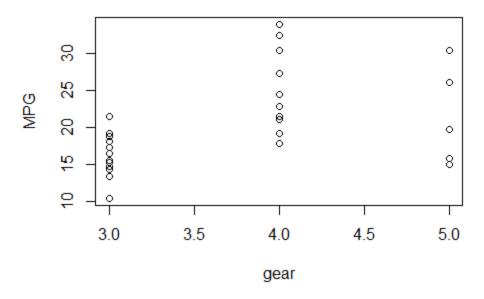


2. Create a scatterplot matrix by gear types in mtcars dataset.

plot(mtcars\$gear , mtcars\$mpg, xlab = 'gear',

main = 'GEAR Vs MPG')

GEAR Vs MPG



3. Write a program to create a plot density by class variable.

mtcars

d=density(mtcars\$mpg)

plot(d)

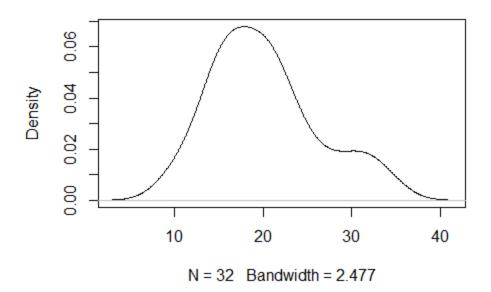
f=density(mtcars\$cyl)

plot(f)

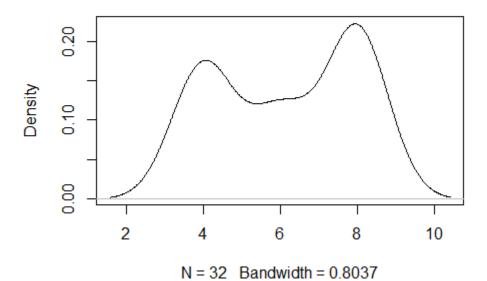
e=density(mtcars\$disp)

plot(e)

density.default(x = mtcars\$mpg)



density.default(x = mtcars\$cyl)



density.default(x = mtcars\$disp)

