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")

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

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

ylab = 'MPG',

main = 'GEAR Vs MPG')

1. 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)