8.Create a Boxplot graph for the relation between &quot;mpg&quot;(miles per galloon) and &quot;cyl&quot;(number of Cylinders) for the dataset &quot;mtcars&quot; available in R Environment.

Program:

data("mtcars")

boxplot(mpg ~ cyl, data = mtcars,

main = "Boxplot of MPG by Number of Cylinders",

xlab = "Number of Cylinders",

ylab = "Miles per Gallon (MPG)",

col = c("lightblue", "lightgreen", "lightpink"),

border = "black")

axis(1, at = unique(mtcars$cyl), labels = unique(mtcars$cyl))

output:

