

# 19. CREATE A BOXPLOT GRAPH FOR THE RELATION BETWEEN "MPG"(MILES PER GALLOON) AND "CYL"(NUMBER OF CYLINDERS) FOR THE DATASET "MTCARS" AVAILABLE IN R ENVIRONMENT

```
#####code for creating boxplots####
# Give the chart file a name.
png(file = "boxplot.png")
# Plot the chart.
boxplot(mpg ~ cyl, data = mtcars, xlab = "Number of Cylinders",
        ylab = "Miles Per Gallon", main = "Mileage Data")
# Save the file.
dev.off()
```

Code for creating boxplots in r programing.

```
R R Console

Natural language support but running in an English locale

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

[Previously saved workspace restored]

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> # Plot the chart.
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+        ylab = "Miles Per Gallon", main = "Mileage Data")
> # Save the file.
> dev.off()
null device
```

Output result of created boxplot..

