

Create a box and whisker plot by **class** using mtcars dataset.

**# if x is a factor it will produce a box plot**

```
plot(as.factor(mtcars$cyl), mtcars$mpg)
```

**# boxplot of mpg**

```
boxplot(mtcars$mpg)
```

**# boxplot of mpg by cyl**

```
boxplot(mpg ~ cyl, data = mtcars)
```

**# boxplot of mpg based on interaction of two variables**

```
boxplot(mpg ~ cyl + am, data = mtcars)
```





