## Program1:-

### * Box Plot:-

```
EMPID ← c (1, 2, 3, 4, 5, 6, 7, 8, 9, 10)
SALARY ← c (50000, 51000, 52000, 53000, 54000, 55000, 56000,
           57000, 58000, 59000)
MARITAL_STATUS ← c ('M', 'M', 'B', 'B', 'B', 'M', 'B', 'M', 'B', 'M')
df ← data. frame (EMPID, SALARY, MARITAL_STATUS)
df
boxplot (SALARY ~ MARITAL-STATUS, data = df)
```

## Program 2:-    Scatter plot

```
set. seet (100)
x ← rnorm (100, mean = 0, Sd = 1)
x
boxplot (x)
install. packages ("ggplot2")
library (ggplot2)
x ← rnorm (100)
y ← x + rnorm (100, mean = 0, Sd = 0.75)
dat ← data. frame (x, y)
boxplot (x, y, col = "blue", xlab = 'x-axis for Box plot',
    ylab = 'Y-axis for Box plot')
```

```
ggplot() + geom_point (data = dat , aes (x = x , y = y) ,
                                                            , (R=R, y=y),
         Size = 3, Color = "Orange") + ggtitle ("Scatter Plot") +
xlab ('x-axis for Scatter Plot') + ylab ('Y-axis for Scatter Plot')
```