```
 1  setwd("C:\\Users\\IT24100486\\Desktop\\IT24100486")
 2  branch_data<-read.table("Exercise.txt",header = TRUE,sep=",")
 3  fix(branch_data)
 4  attach(branch_data)
 5
 6
 7
 8  class(branch_data$Branch)
 9  class(branch_data$Sales_X1)
10  class(branch_data$Advertising_X2)
11  class(branch_data$Years_X3)
12
13  boxplot(Sales_X1, main="Box plot for Branch Sales",
14          ylab = "Sales (in millions)",outline = TRUE,outpch = 8,horizontal = TRUE)
15
16  summary(Advertising_X2)
```
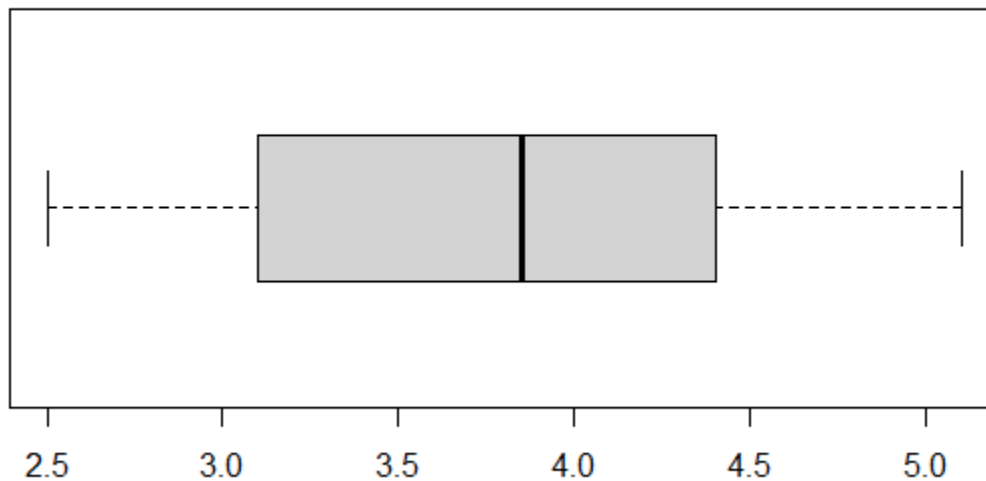
```
>
> class(branch_data$Branch)
[1] "character"
> class(branch_data$Sales_X1)
[1] "NULL"
> class(branch_data$Advertising_X2)
[1] "NULL"
> class(branch_data$Years_X3)
[1] "NULL"
>
>
```

Box plot for Branch Sales


```
 summary(Advertising_X2)
```

```
> setwd("C:\\Users\\IT24100486\\Desktop\\IT24100486")
> branch_data<-read.table("Exercise.txt",header = TRUE,sep=" ")
> fix(branch_data)
> attach(branch_data)

>
> summary(Advertising_X2)
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
   80.0   101.2   132.5   134.8   158.8   210.0
```

```
quantile(Advertising_X2)

IQR(Advertising_X2)
```

```
   80.0   101.2   132.5   134.8   158.8   210.0
> quantile(Advertising_X2)
     0%    25%    50%    75%   100%
  80.00 101.25 132.50 158.75 210.00
> IQR(Advertising_X2)
 [1] 57.5
```

```
> get.outliers(branch_data$Sales_X1)
[1] "Upper Bound = 6.25"
[1] "Lower Bound = 1.25"
[1] "No outliers detected"
> get.outliers((branch_data$Years_X3))
[1] "Upper Bound = 14.5"
[1] "Lower Bound = -3.5"
[1] "No outliers detected"
```