# 1.Find the mean, median and mode of the data through R tool?

```
> getmode<-function(v){
+ uniqv<-unique(v)
+ uniqv[which.max(tabulate(match(v,uniqv)))]}
> v<-c(7,5,5,4,4,4,8,9,2,2,2,4,3)
> r3<-getmode(v)
> print(r3)
[1] 4
> a<-c(7,6,8,4,5,9,7,3,6,7)
> r1<-mean(a)
> r2<-median(a)
> print(r1)
[1] 6.2
> print(r2)
[1] 6.5
> |
```

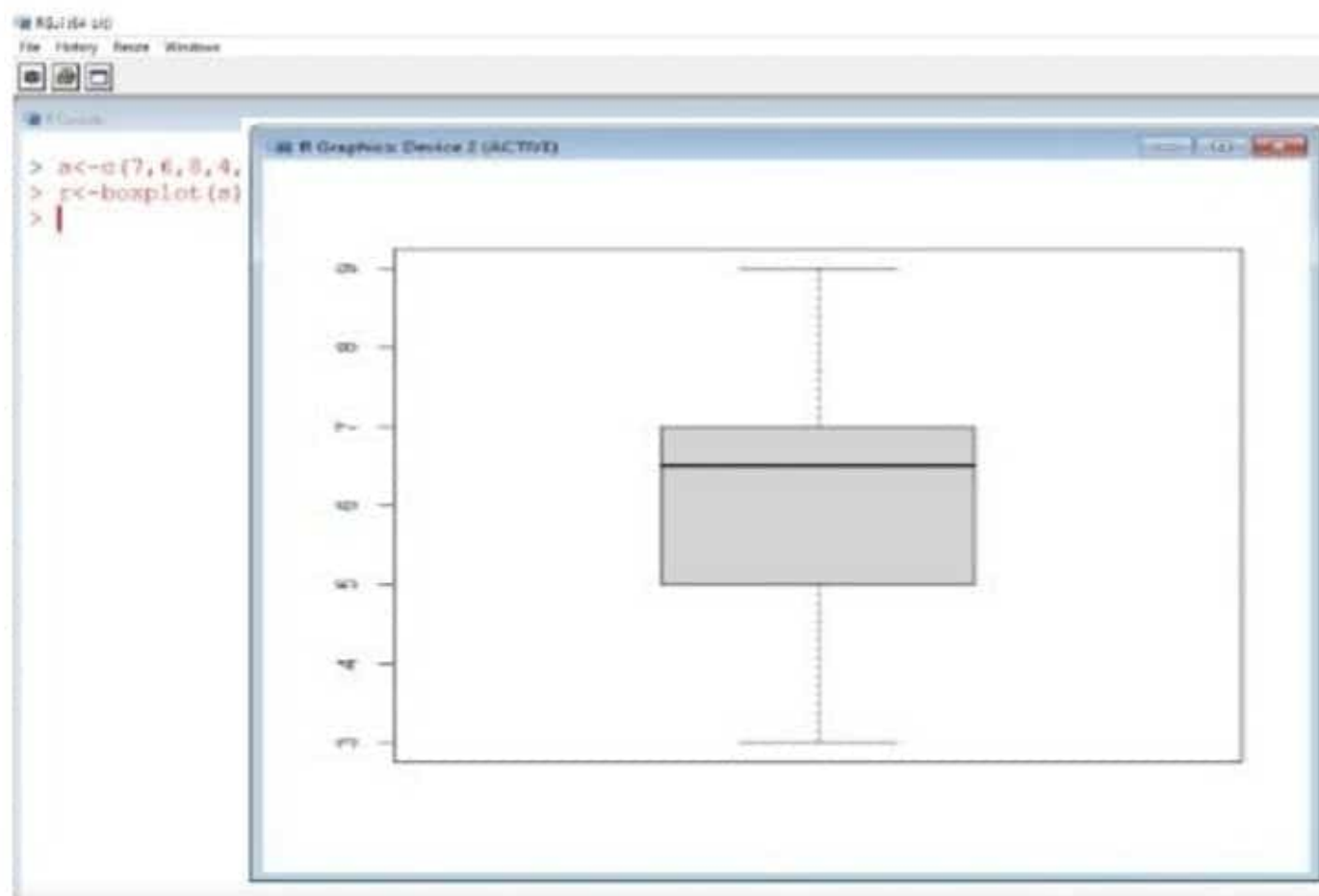## 2. Find the Interquartile range, range and the five summary number using R tool?

```
> a<-c(3,4,5,5,5,6,7,8,9,9,15)
> r1<-IQR(a)
> print(r1)
[1] 3.5
> r2<-range(a)
> print(r2)
[1]  3 15
> r3<-fivenum(a)
> print(r3)
[1]  3.0  5.0  6.0  8.5 15.0
>
```
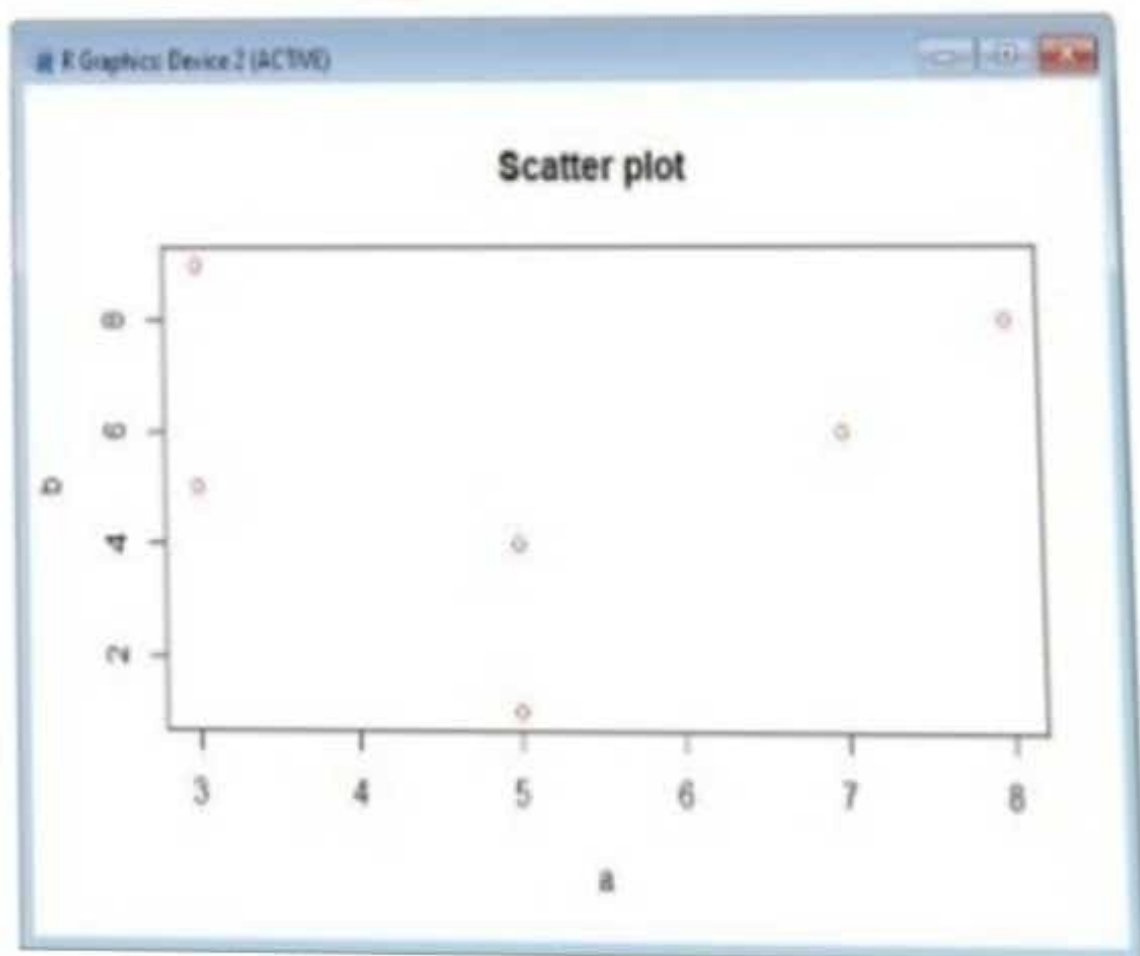
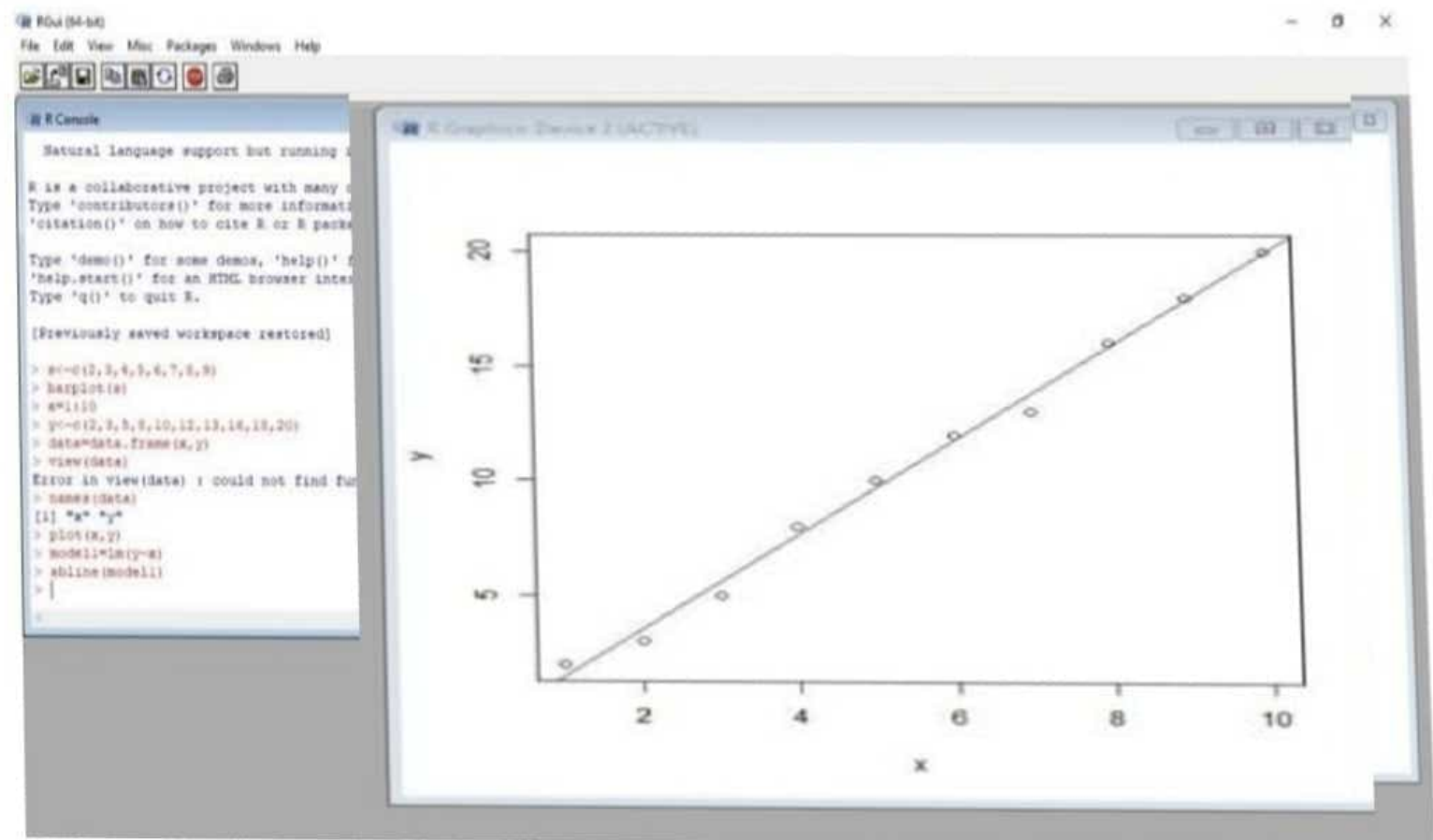# 3.Plotting the boxplot graph using R tool?
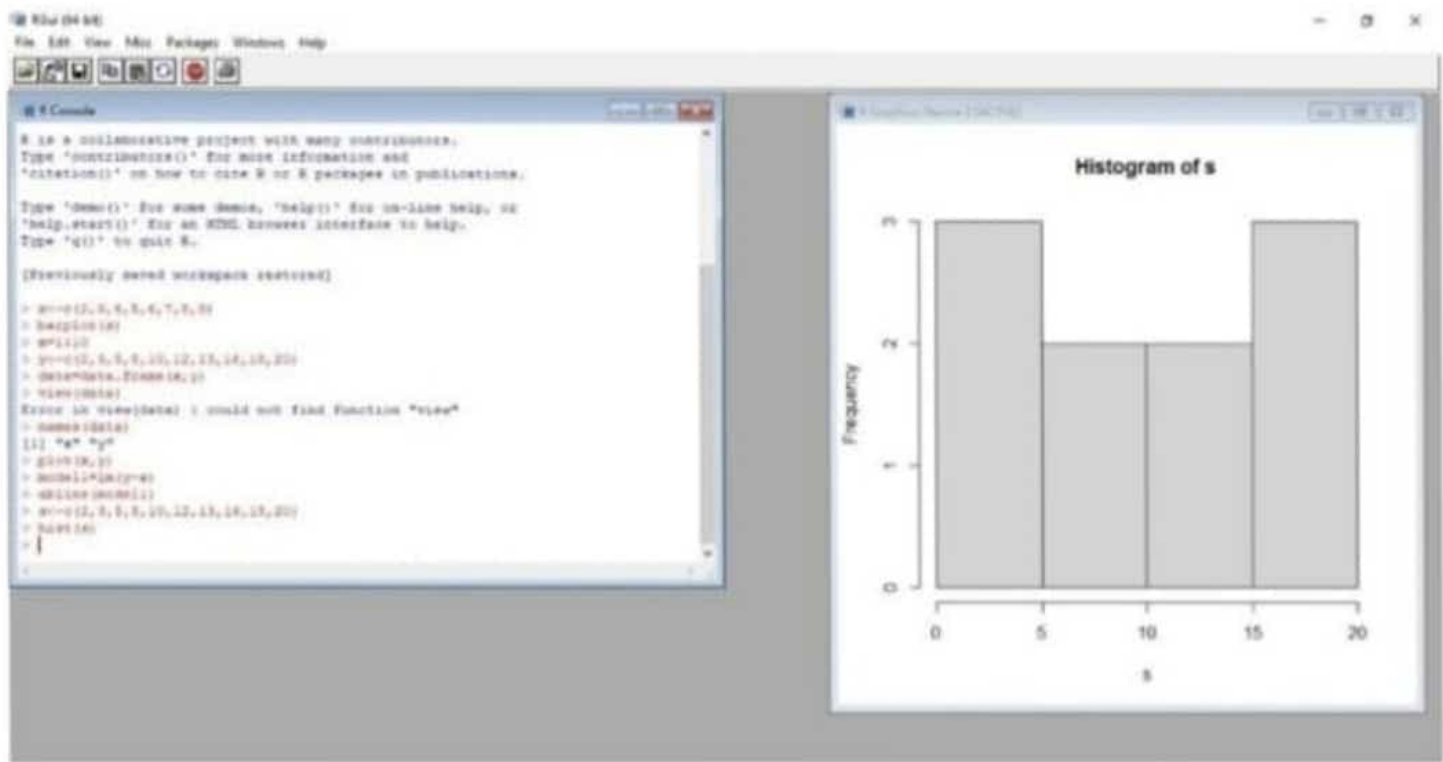
# 4. Plotting the barplot graph using R tool?
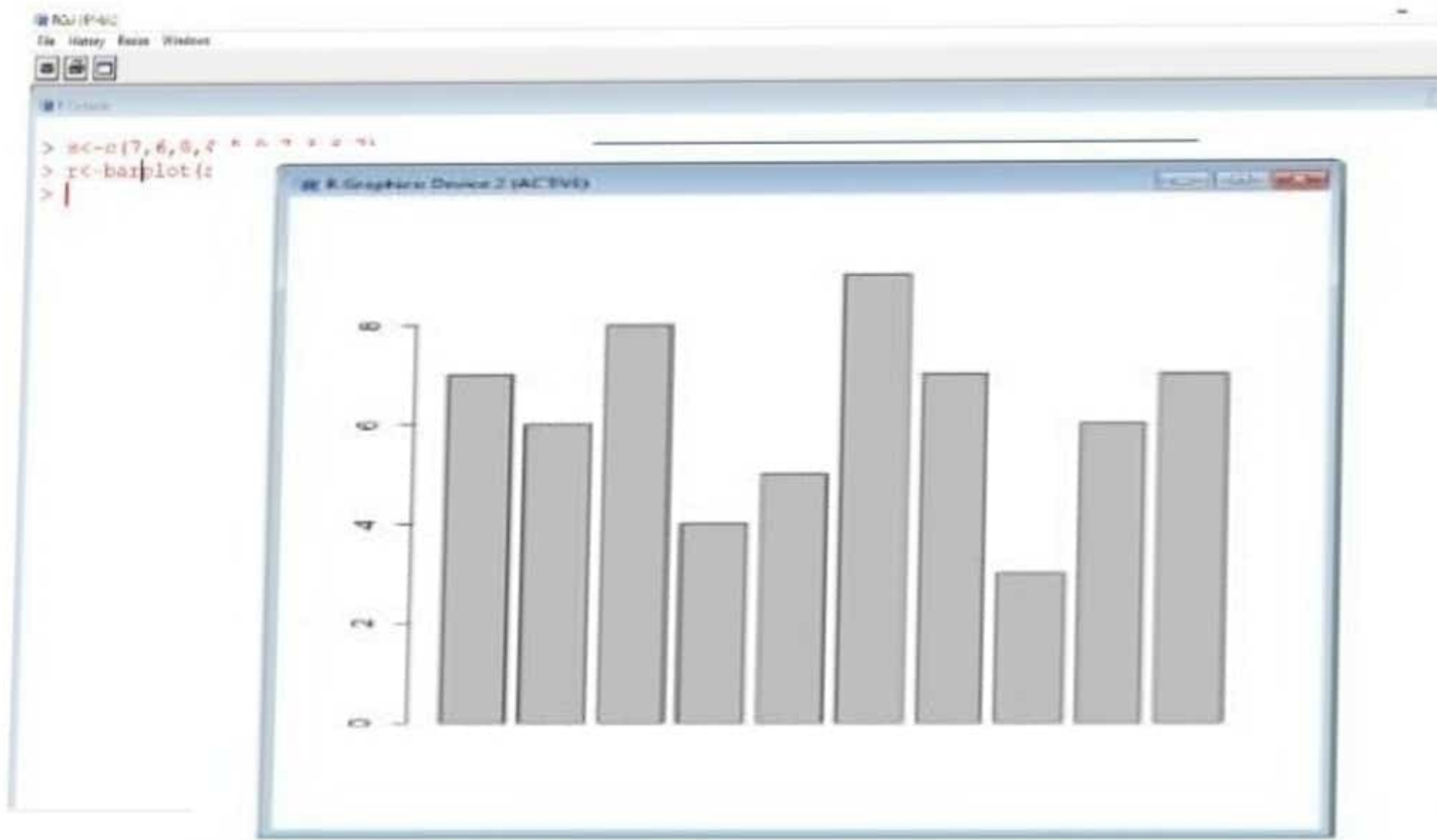
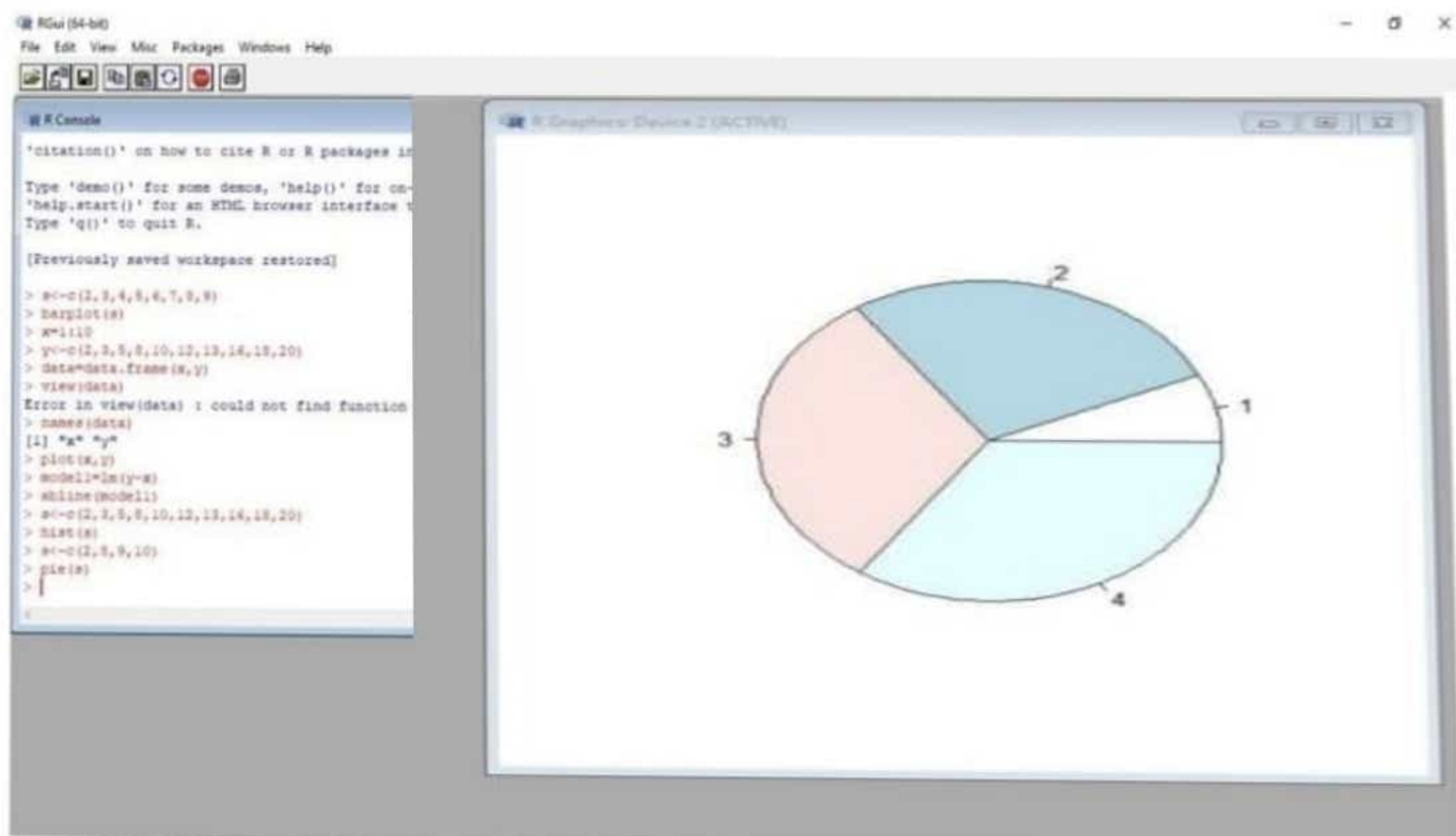## 5. Plotting the scatterplot using R tool?

# 6. Linear regression through R tool?

# 7. plotting histogram graph through the R tool?

# 8. using R program create a pie chart for data sample?

# 9. plotting the line chart graph through the R tool?