You can type R commands in your LaTeX document which will be processed and their output included in the document:

```r
# Create a sequence of numbers
X = 2:10

# Display basic statistical measures
summary(X)
```

```
##    Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##       2       4       6       6       8      10
```

So, the mean of the data is 6

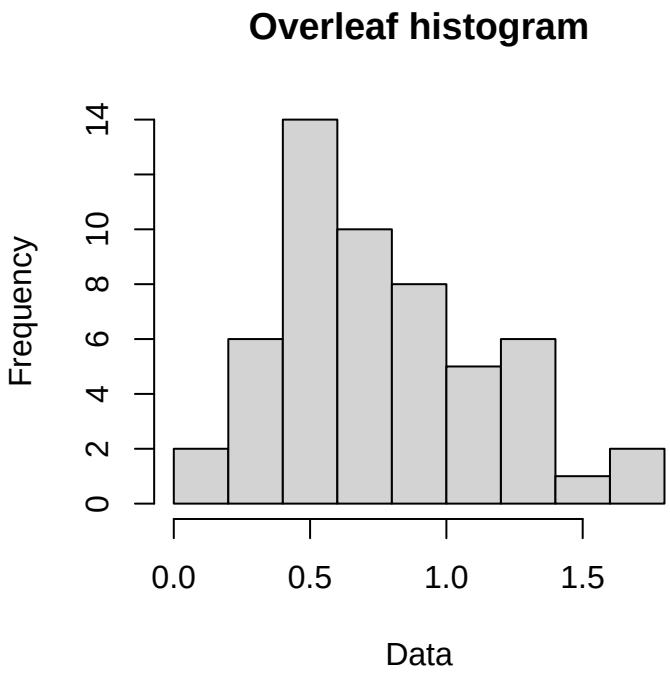

Figure 1: First plot

```
xdata = read.csv(file="data.txt", head=TRUE,sep=" ")

hist(xdata$data, main="Overleaf histogram", xlab="Data")
```

The figure 1 is simple histogram.

The chunk below will not be printed
The code must show up here

```
# Display basic statistical measures
summary(X)
```

```
##    Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##       2       4       6       6       8      10
```

```r
summary(iris)
```

```
##   Sepal.Length    Sepal.Width     Petal.Length    Petal.Width
##  Min.   :4.300   Min.   :2.000   Min.   :1.000   Min.   :0.100
##  1st Qu.:5.100   1st Qu.:2.800   1st Qu.:1.600   1st Qu.:0.300
##  Median :5.800   Median :3.000   Median :4.350   Median :1.300
##  Mean   :5.843   Mean   :3.057   Mean   :3.758   Mean   :1.199
##  3rd Qu.:6.400   3rd Qu.:3.300   3rd Qu.:5.100   3rd Qu.:1.800
##  Max.   :7.900   Max.   :4.400   Max.   :6.900   Max.   :2.500
##        Species
##  setosa    :50
##  versicolor:50
##  virginica :50
##
##
##
```