## SESSION 4: FOUNDATIONAL R PROGRAMMING-II

# **Assignment 3**

- 1. states=rownames(USArrests)
  - Get states names with 'w'.

### Answer:

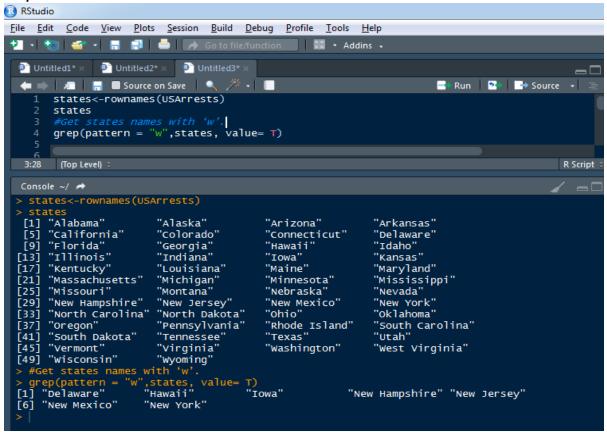
states<-rownames(USArrests)

states

#Get states names with 'w'.

grep(pattern = "w",states, value= T)

#### Output:

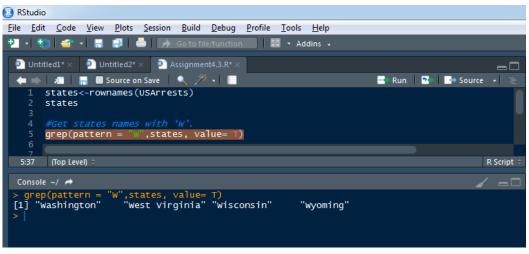


Get states names with 'W'.

### Answer:

grep(pattern = "W",states, value= T)

#### Output:



2. Prepare a histogram of the number of characters in each US state.

## Answer:

I<-nchar(states)</pre>

hist(l,main="Histogram", xlab="No. of Characters in States", ylab="No. of States", xlim=c(0,15),breaks=10)

# Output:

