SESSION 4

Foundational R Programming - II  
Assignment – 3

PROBLEM STATEMENT

1. States = rownames(US Arrests)

Get states names with ‘w’.

Get states names with ‘W’.

Ans:

States = rownames(USArrests)  
  
#Get states names with ‘w’.  
States[grep('w', States)]

## [1] "Delaware" "Hawaii" "Iowa" "New Hampshire"  
## [5] "New Jersey" "New Mexico" "New York"

#Get states names with ‘W’.  
States[grep('W', States)]

## [1] "Washington" "West Virginia" "Wisconsin" "Wyoming"

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

Ans:

States = rownames(USArrests)  
  
#Creating histogram  
hist(nchar(States), main = "Histogram of number of characters \n in each US State",xlab = " Number of Characters", col = "Orange")

