**SESSION 4 –ASSIGNMENT 4**

1. States = rownames(US Arrests)

Get states names with ‘w’.

> states = rownames(USArrests)

> grep(pattern = "w", x = states, value = TRUE)

[1] "Delaware" "Hawaii" "Iowa" "New Hampshire" "New Jersey"

[6] "New Mexico" "New York"

Get states names with ‘W’.

> states = rownames(USArrests)

> grep(pattern = "W", x = states, value = TRUE)

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

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

> hist(nchar(states), main = "Histogram",

+ xlab = "number of characters in US State names")

