**Assignment 2.5**

1. States = rownames(US Arrests)

Get states names with ‘w’.

Answer:

States[grep("^w",rownames(USArrests))]

Get states names with ‘W’.

States[grep("^W",rownames(USArrests))]

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

Hist(States$rowames)

Answer:

hist(nchar(States), main = "Histogram",

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