# Assignment (4.3) 16- Dec 2017

1. States = rownames (US Arrests)

Get states names with ‘w’.

Sol: **index <- grep("w",states)**

**for (i in 1:length(index)){**

**print (states[index[i]])**

**}**

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**}**

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

- states<- rownames (USArrests)

Sol**:- ans <- c(0)**

**for(i in 1:50){**

**temp <- states[i]**

**len <- nchar (temp)**

**ans <- c(ans,len)**

**}**

**hist (ans[2:51], xlab="No. of characters in each state")**