

DATA ANALYTICS WITH R, EXCEL AND TABLAEU

ASSIGNMENT 4.3 ANSWERS

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Question no:

5)

1)

```
states = rownames(USArrests)
```

```
# get states names with 'w' or 'W'
```

```
grep(pattern = "[wW]", x = states, value = TRUE)
```

```
## [1] "Delaware" "Hawaii" "Iowa" "New Hampshire"
```

```
## [5] "New Jersey" "New Mexico" "New York" "Washington"
```

```
## [9] "West Virginia" "Wisconsin" "Wyoming"
```

2)

```
# histogram
```

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

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

