

Assignment 4.3

Ans1

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

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

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

Ans2

```
hist(nchar(states), main = "Histogram",  
xlab = "number of characters in US State names")
```