

# SESSION 4: FOUNDATIONAL

## R PROGRAMMING-II

### Assignment 3

Problem Statement

1. states=rownames(USArrests)

- Get states names with 'w'.
- Get states names with 'W'.

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

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

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")
```

