

**Session 1 – Assignment**

# Problem Statement

**1. Say True or False for the below statements:**

* Prescriptive Analytics used to predict the future outcomes?

ANS : TRUE. Prescriptive methodologies not only look into the future to predict likely outcomes

* Base R packages installed automatically?

ANSWER : Yes most of the base packages are installed automatically. To find what are all the base packages installed, you can type the command in console  library(help=”base”)

This command will display what are all the base commands are installed automatically***.***

**2 & 3 .What is Recycling of elements in a vector and example?**

When applying an operation to two vectors that requires them to be the same length, R automatically recycles, or repeats, elements of the shorter one, until it is long enough to match the longer Vector.

For **eg**.,

A ->C(3,5,5)

B-> c(1,2,3,4,5,6)

C = A+B

Print (c)

**Result** will be 4 7 8 7 10 11

The main concept is Shorter element in vector will be automatically repeated till the operation is completed.