SESSION -1 (INTRODUCTION)

ASSIGNMENT – 1.1

1. Say True or False for the below statements:

• Prescriptive Analytics used to predict the future outcomes?

False

• Base R packages installed automatically?

True

2. What is Recycling of elements in a vector?

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

3. Give an example of recycling of elements.

ANS: For example:

> > c(1,3,5)+c(2,5,8,7,9)

[1] 3 8 13 8 12

Warning message:

In c(1, 3, 5) + c(2, 5, 8, 7, 9) :

longer object length is not a multiple of shorter object length

>

The shorter vector has recycled and the operation has taken to be as follows :

c(1,3,5,1,3) + c(2,5,8,7,9)