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| **Session Topic and Date** | Introduction dated 13th and 14th Oct 2018 |
| **Assignment Number** | 1.1 |
| **Assignment Submission Date** | 19th Oct 2018 |

**Problem Statement**

1. *Please Mention True or False for the below statement:*
   1. Prescriptive Analytics is used to predict the future outcomes **True**
   2. Base R packages are installed automatically **True**
2. *What is Recycling of elements in a vector?*

**ANS:** In R Programming language, recycling of elements is when we perform operations on two different vectors having different lengths. In it, the elements of the shorter length vector are used to complete the operation.

1. *Give an example of recycling of elements.*

**ANS:** Example

V1 <- c(1,2,3,4)

V2 <- c(1,2)

Print(V1\*V2)

**Output – [1] 1 4 3 8**

Is in above case the shorter element V2 is recycled as V2<-(1,2,1,2) as to make it of equal length as of vector V1