**Session 4 – Foundational R Programming - II**

**Assignment – 2**

Problem Statement

1. x <- c(‘data.science.in.R’, ‘machine.learning.in.R’)

Perform the below string Operation:

• Replace the period character "." within each string with another character i.e. "-" minus sign.

Ans .

**>. x <- c(‘data.science.in.R’, ‘machine.learning.in.R’)**

**>gsub(“**[**\\.**](file:///\\.)**” , “-” ,x)**

[1] “data-science-in-R” “machine-learning-in-R”

2. x <- c('data.science.in.R','machine.learning.in.R')

Perform the below String Operation:

• Append again with “-“ minus sign character at the start of the each string and finally concatenate all the string within the vector to form a final single string and assigning it the object.

Ans.

**>. x <- c(‘data.science.in.R’, ‘machine.learning.in.R’)**

**>A<-paste(“-”,x)**

**>A**

**[1] “-data-science-in-R” “-machine-learning-in-R”**

**>B<-paste(A,collapse= “ ”)**

**>B**

**[1] “-data-science-in-R –machine-learning-in-R”**