Assignment - 2

Session 4 – Foundational R

Programming – II

**5. 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("\\.", "-", 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')

> gsub("\\.", "-", x)

[1] "data-science-in-R" "machine-learning-in-R"

> 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"