SESSION 4

FOUNDATIONAL R PROGRAMMING - II  
Assignment – 2

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.

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

## [1] "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")   
x

## [1] "data.science.in.R" "machine.learning.in.R"

y<- paste0("-", gsub("\\.", "-", x),collapse = " ")  
y

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