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.

Answer:

x=c('data.science.in.R','machine.learning.in.R')

gsub(pattern = "\\.",replacement = "-",x =c('data.science.in.R','machine.learning.in.R'))

## Output:

**[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.

Answer:

x = c('data.science.in.R', 'machine.learning.in.R')

## use of paste()function to concatenate strings

newstring= c(paste("-",x[1],x[2],collapse = ","))

newstring

## OUTPUT

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