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’)

x

gsub("[.]","-",x)

> 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 - c('data.science.in.R','machine.learning.in.R')

paste(paste0("-",gsub("\\.","-",c('data.science.in.R', 'machine.learning.in.R'))),collapse = "")

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

> paste(paste0("-",gsub("\\.","-",c('data.science.in.R', 'machine.learning.in.R'))),collapse = "")

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