**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,fixed = TRUE)

**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')

y<- c(sub(".","-",x,fixed = TRUE))

y

a <- c(paste(y[1],y[2],collapse = ","))

a