**Assignment 4.2**

**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.**

**Ans:-**

**>**. x <- c(‘data.science.in.R’, ‘machine.learning.in.R’)

>gsub(“[\\.](file:///\\.)” , “-” ,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’)

>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”