**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.

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:-**

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.

Gsub(‘\\.’, ‘-‘, x) or gsub(‘[.]’, ‘-‘, x)

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.

#Replaces .with minus

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

gsub('\\.','-',x)

# paste two strings in a vector

x\_1<-paste('-',x)

paste(x\_1[1],x\_1[2]) #without space

paste0(x\_1[1],x\_1[2]) #with space