ACADGILD ASSINGMENT 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.

   ANSWER:

   a) x <- c('data.science.in.R', 'machine.learning.in.R')
   x
   gsub("\\.",'-', x)

   b) x<-c("abc.dat", "xyz.dat")

   >str_final (enter)
   -abc-dat -xyz-dat

   ?gsub and ?paste
   > paste0("-", gsub("\\.", "-", c("abc.dat", "xyz.dat")))
   [1] "-abc-dat" "-xyz-dat"

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 each string and finally concatenate all the string within the vector to form a final single string and assigning it to some object

   ANSWER:

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

   y <- paste("-", x, collapse = "")
   y

   b) If you want a single string, maybe you want to make use of the collapse argument to paste

   > paste(paste0("-", gsub("\\.", "-", c("abc.dat", "xyz.dat"))), collapse=" ")
   [1] "-abc-dat -xyz-dat"