**ACD\_BART1\_Session\_4\_Assignment\_2\_Main**

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

ans1

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.

sub and gsub perform replacement of the first and all matches respectively.

y<-gsub(pattern =".",replacement = "-", x,fixed=TRUE)

y

if we use sub function, only first "." got replaced.

using "\\." in place of "." will exclude the need to change the default value of fixed

z<-gsub(pattern = "\\.",replacement = "-", x)

z

ans2

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.

x1<-paste("-",x,collapse = "")

x1

paste(x[-1],x)