

```

#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.
> x1 <- gsub("[.]", "-", x)
> x1
[1] "data-science-in-R"      "machine-learning-in-R"
> #2
>
> x <- c('data.science.in.R','machine.learning.in.R')
> x
[1] "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
>
> #adding "-" in front of each string in x
> x3<- sub("", "-", x)
> x3
[1] "-data.science.in.R"     "-machine.learning.in.R"
> #concatenating the 2 strings of x3 and assigning it to x4
> x4 <- paste(x3[1], x3[2], sep='')
> x4
[1] "-data.science.in.R-machine.learning.in.R"

>

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