

Assignment 2.4

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

x

#Perform the below string Operation:

1) Replace the period character "." within each string with another character i.e. "-" minus sign.

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

```
ANS → [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.

```
Z <- paste("", x, collapse = "-")
```

Z

```
ANS → [1] "- data.science.in.R- machine.learning.in.R"
```

```
x <- c('data.science.in.R', 'machine.learning.in.R')
#Replace the period character "." within each string with another character i.e. "-" minus sign.
gsub("\\.", '-', x)

#Append again with "-" minus sign character at the start of the each string and finally concatenat
#string within the vector to form a final single string and assigning it the object.
Z<-paste("", x, collapse = "-")
Z
```

```
> x <- c('data.science.in.R', 'machine.learning.in.R')
> gsub("\\.", '-', x)
[1] "data-science-in-R"      "machine-learning-in-R"
```

```
> #Append again with "-" minus sign character at the start of the each string and finally concatenate a  
|| the  
> #string within the vector to form a final single string and assigning it the object.  
> Z<-paste("-", x, collapse = "-")  
> Z  
[1] " data.science.in.R- machine.learning.in.R"  
>
```