

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

Both the works are done on the same file. R file and output png file attached

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

```
replaced_a <- gsub("[.]", "-", a)
```

```
print(replaced_a)
```

```
#Append - at the start of the string
```

```
newstr <- paste0('-',replaced_a)
```

```
print(newstr)
```

```
finalstr <- paste(newstr,collapse="")
```

```
print(finalstr)
```