

Session 4 – Foundational R Programming - II
Assignment – 2

Problem Statement

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.

Ans .

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

```
>gsub(".", "-", x)
```

```
[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.

Ans.

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

```
>A<-paste("-",x)
```

```
>A
```

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

```
>B<-paste(A,collapse=" ")
```

```
>B
```

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