

SESSION 4 – ASSIGNMENT 4.2

Date: 7th Jan 2019

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.

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

```
x
```

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

```
> x <- c('data.science.in.R', 'machine.learning.in.R')
> x
[1] "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 each string and finally concatenate all the string within the vector to form a final single string and assigning it to some object

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

```
x
```

```
paste(paste0("-", gsub("\\.", "-", x)), collapse = " ")
```

```
Console Terminal x
~/
> x <- c('data.science.in.R', 'machine.learning.in.R')
> x
[1] "data.science.in.R"      "machine.learning.in.R"
> paste(paste0("-", gsub("\\.", "-", x)), collapse = " ")
[1] "-data-science-in-R -machine-learning-in-R"
> |
```