Session 4: Foundational R Programming II

Assignment 2

A. 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.

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

X

Y=gsub("[.]","-",X)

Y

Output : A

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

XY<- paste("-1",Y[1],"-1",Y[2],XY='')

XY

OutPut B :

```
XY<- paste("-1", Y[1], "-1", Y[2], XY='')
> XY
[1] "-1 data-science-in-R -1 machine-learning-in-R "
```