**Session 1- Assignment 2**

**1. What should be the output of the following Script?**

v <- c( 2,5.5,6)

t <- c(8, 3, 4)

print(v%/%t)

**Answer** : 0 1 1

**2. You have 25 excel files with names as xx\_1.xlsx, xx\_2.xlsx,……..xx\_25.xlsx in a dir.**

**Write a program to extract the contents of each excel sheet and make it one df.**

**Answer:**

setwd("D:/Data Analytics with RET/Assignment")

files=list.files(pattern=".xlsx")

for(i in 1:25)

{

filename=files[i]

data=read. xlsx (file = filename,header = T)

assign(x = filename,value = data)

}

#Suppose the columns are the same for each file,

#you can bind them together in one dataframe with bind\_rows from dplyr:

library(dplyr)

df <- bind\_rows(files, .id = "id")

#one more option is as follows

df<-lapply(files, read\_ xlsx) %>% bind\_rows()

**3. If the above 25 files were csv files, what would be your script to read?**

**Answer:**

setwd("D:/Data Analytics with RET/Assignment")

files=list.files(pattern=".csv")

for(i in 1:25)

{

filename=files[i]

data=read.csv(file = filename,header = T)

assign(x = filename,value = data)

}

#Suppose the columns are the same for each file,

#you can bind them together in one dataframe with bind\_rows from dplyr:

library(dplyr)

df <- bind\_rows(files, .id = "id")

#one more option is as follows

df<-lapply(files, read\_csv) %>% bind\_rows()