SESSION 1 – INTRODUCTION  
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)

Ans: The function %/% returns the quotient of the numbers in vector ‘v’ when divided by vector ‘t’

Hence the output of the script is 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.

Ans:

setwd("C:/Users/LENOVO/Desktop/DATA ANALYTICS/Read Excel")

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

library(dplyr)

library(readxl)

df<-lapply(files, read\_excel) %>% bind\_cols()

This program uses ‘dplyr’ package to use bind\_cols() or bind \_rows() in order to combine all the values into a single data frame.

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

Ans: The syntax is similar to the one used while reading excel file

setwd("C:/Users/LENOVO/Desktop/DATA ANALYTICS/Read Excel") # set the work directory

files = list.files (pattern=".csv") #create a variable listing the files in that directory

library(dplyr)

df<-lapply(files, read.csv) %>% bind\_cols() #creating a DF with binding the columns of each csv file