***ACD\_BART1\_Session\_1\_Assignment\_2\_Main***

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:- [1] 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(" ")

library(readxl)

library(data.table)

file.list<-list.files(pattern = ".xlsx")

df.list<-lapply(file.list,read\_xlsx)

df1<-rbindlist(df.list,idcol=TRUE)

df1

df.list<-sapply(file.list,read\_xlsx,simplify = FALSE)# in apply group, l is for 'list', s is for 'simplifying', t is for 'per type'

df2<-rbindlist(df.list,idcol = TRUE)

View(df2)

df3<-rbind.data.frame(df.list,idcol=TRUE)

View(df3)

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

Ans:- file.list<-list.files(pattern = ".csv") #read the files in the directory

#data frame by column with column id

df.list<-lapply(file.list,read.csv)

df1<-rbindlist(df.list,idcol=TRUE)

df1 #gives Data frame in console

#data frame by column with file name as column id

df.list<-sapply(file.list,read.csv,simplify = FALSE)# in apply group, l is for 'list', s is for 'simplifying', t is for 'per type'

df2<-rbindlist(df.list,idcol = TRUE)

View(df2) #gives Data frame in script as separate r file

#data frame by row with file names

df3<-rbind.data.frame(df.list,idcol=TRUE)

View(df3)