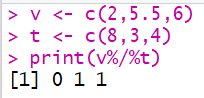
Q1. What should be the output of the following Script?

v <- c( 2,5.5,6)

t <- c(8, 3, 4)

print(v%/%t)

ANS. 

Q2. 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.

**We are using read.xlsx() function which belongs to “xlsx” package.**

**library(xlsx).**

df1 <- read.xlsx("xx\_1.xlsx",sheetIndex = 1)

df2 <- read.xlsx("xx\_2.xlsx",sheetIndex = 1)

d <-merge(x=df1,y=df2)

**# FIRST SIMPLY COMBINING FIRST TWO FILES**

for(i in 3:25){

name=paste("xx\_",i,sep="")

name=paste(name,".xlsx",sep="")

**# CREATING A LIST OF “NAMES” OF 25 FILES**

df <- read.xlsx(name,sheetIndex = 1)

d <- merge(x=d,y=df)

} **#MERGING FROM FILE 3 TO 25 STEP BY STEP TILL WE GET ONE DATA FRAME**

Q3. If the above 25 files were csv files, what would be your script to read?

ANS.

ds1 <- read.csv("C:/Users/Ashwin/Documents/asst1/xx\_1.csv")

ds2 <- read.csv("C:/Users/Ashwin/Documents/asst1/xx\_2.csv")

d\_temp <- merge(x=ds1,y=ds2)

for(i in 3:25){

name=paste("xx\_",i,sep="")

name=paste(name,".csv",sep="")

name=paste("C:/Users/Ashwin/Documents/asst1/",name,sep="")

ds <- read.csv(name)

d\_temp <- merge(x=d\_temp,y=ds)

}

**# USING read.csv INSTEAD of read.xlsx**