***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 output will be - [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.**  The code is –

library(xlsx)

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

for(i in 1:length(files))

{

filename=files[i]

data=read.xlsx(file = filename,header = T, sheetIndex = 1)

assign(x = filename,value = data)

}

combine<-Reduce(function(x, y) merge(x, y, all=TRUE), list(xx\_1.xlsx,xx\_2.xlsx,xx\_3.xlsx,xx\_4.xlsx,xx\_5.xlsx,xx\_6.xlsx,

xx\_7.xlsx,xx\_8.xlsx,xx\_9.xlsx,xx\_10.xlsx,xx\_11.xlsx,xx\_12.xlsx,xx\_13.xlsx,

xx\_14.xlsx,xx\_15.xlsx,xx\_16.xlsx,xx\_17.xlsx,xx\_18.xlsx,xx\_19.xlsx,

xx\_20.xlsx,xx\_21.xlsx,xx\_22.xlsx,xx\_23.xlsx,xx\_24.xlsx,xx\_25.xlsx))

write.xlsx(combine, file="Merged.xlsx", sheetName="Sheet1",

col.names=TRUE, row.names = TRUE, append=FALSE,

showNA=FALSE, password=NULL)

An archived file has been atached regarding to this question with excel files and R code.

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

**Ans.**

folder <- "/Users/majerus/Desktop/R/intro/data/" # path to folder that holds multiple .csv files

file\_list <- list.files(path=folder, pattern="\*.csv")

for (i in 1:length(file\_list)){

assign(file\_list[i],

read.csv(paste(folder, file\_list[i], sep=''))

)}