1.

v<-c(2,5.5,6)

t<-c(8,3,4)

print(v%/%t)

The output of the following script would be

[1] 0 1 1

2. 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.

list.files is the function through which we can create a list of all filenames in the working directory.

Next, use lapply to read each file in the list with read\_excel function from the readxl package.

library(readxl)

file.list<-list.files(pattern=’\*.xlsx’)

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

In case of each file having the same column, it can be combined into one dataframe with bind\_rows from dplyr.

library(dplyr)

df<-bind\_rows(df.list, .id=”id”)

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

In the above explanation for Q2, replace read\_excel with read\_csv in case of csv files.

Therefore:

library(readcsv)

file.list<-list.files(pattern=’\*.csv’)

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