session 1 – Assignment 2

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Date: 18-9-2018

Problem Statement

What should be the output of the following Script?

v <- c ( 2,5.5,6)

t <- c (8, 3, 4)

print (v%/%t)

Ans:-

v<-c(2,5.5,6) t<-c(8,3,4) print(v%/%t) output

[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("c:/R/mergeme") 0r specific file path name files=list.files(pattern=".xlsx") for(i in 1:length(files)) {filename=files[i] data=read.xlsx(file = filename,header = T) assign(x = filename,value = data)} #Suppose the columns are the same for each file, #you can bind them together in one dataframe with bind\_rows from dplyr: library(dplyr)

#one more option is as follows df<-lapply(files, read.xlsx) %>% bind\_rows()

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

Ans:-

setwd("c:/R/mergeme") 0r specific file path name files=list.files(pattern=".csv") for(i in 1:length(files)) {filename=files[i] data=read.csv(file = filename,header = T) assign(x = filename,value = data)} #Suppose the columns are the same for each file, #you can bind them together in one dataframe with bind\_rows from dplyr: library(dplyr)

one more option is as follows df<-lapply(files, read.csv) %>% bind\_rows()