

Session 1 – Introduction to Working with R

Assignment - 2



Contents

[1. Introduction](#page3) [2](#page3)

[2. Objective](#page3) [2](#page3)

[3. Prerequisites](#page3) [2](#page3)

[4. Associated Data Files](#page3) [2](#page3)

[5. Problem Statement](#page3) [2](#page3)

[6. Expected Output](#page3) [2](#page3)

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**Introduction**



This assignment will help you to understand the key concepts learnt in this session.

**Objective**



This assignment will test your skills on the basics of R.

**Prerequisites**



Not Applicable

**Associated Data Files**



Not Applicable

**Problem Statement**



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

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

**Ans: [1] 0 1 1**

1. 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()**

1. 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()**

**Expected Output**



Not Applicable

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**The Approximate time to complete this task is 20 Minutes.**

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