

Assignment 1.2

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

```
v <- c( 2,5.5,6)
```

```
t <- c(8, 3, 4)
```

```
print(v%/%t)
```

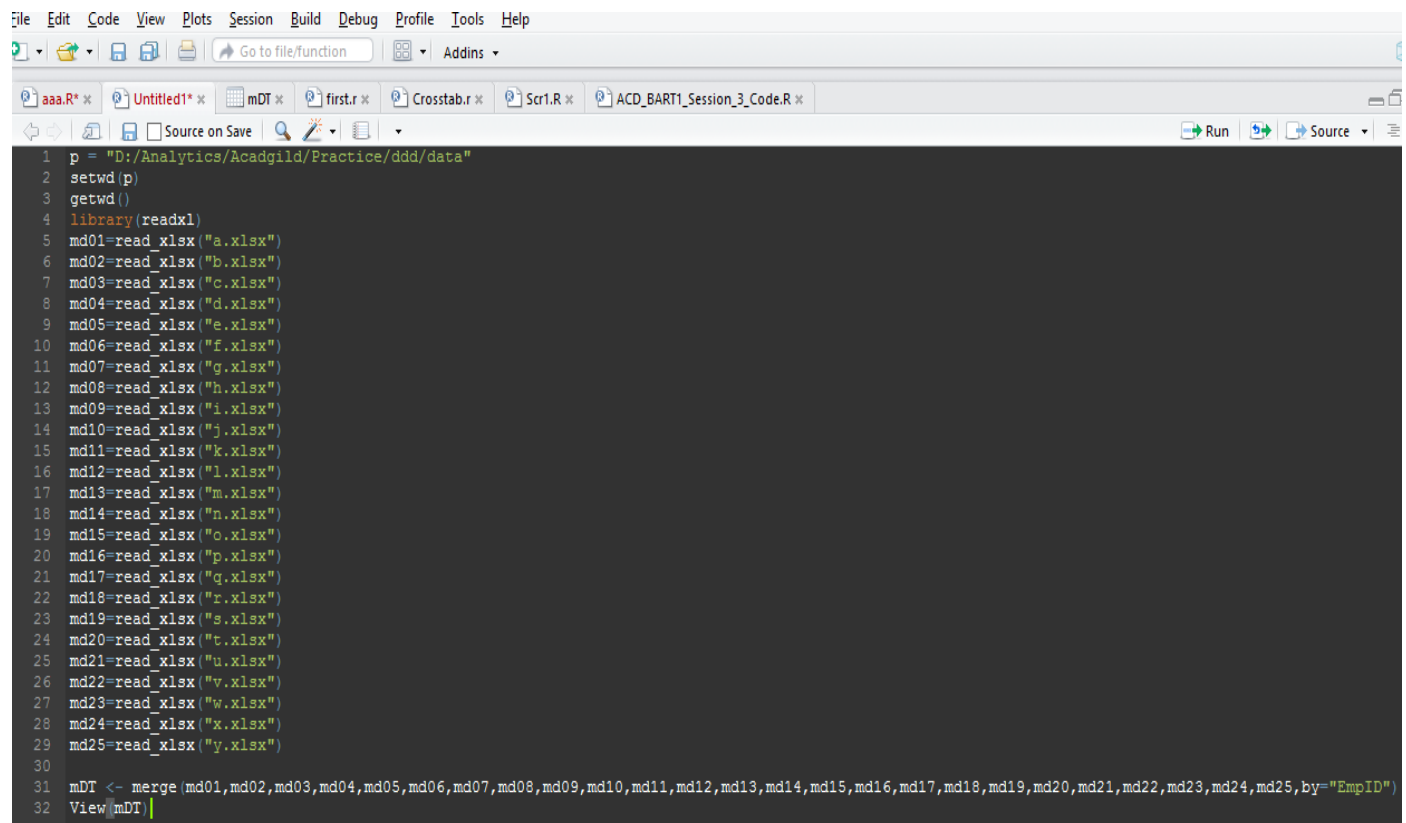
Ans. **Output will be –**

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.

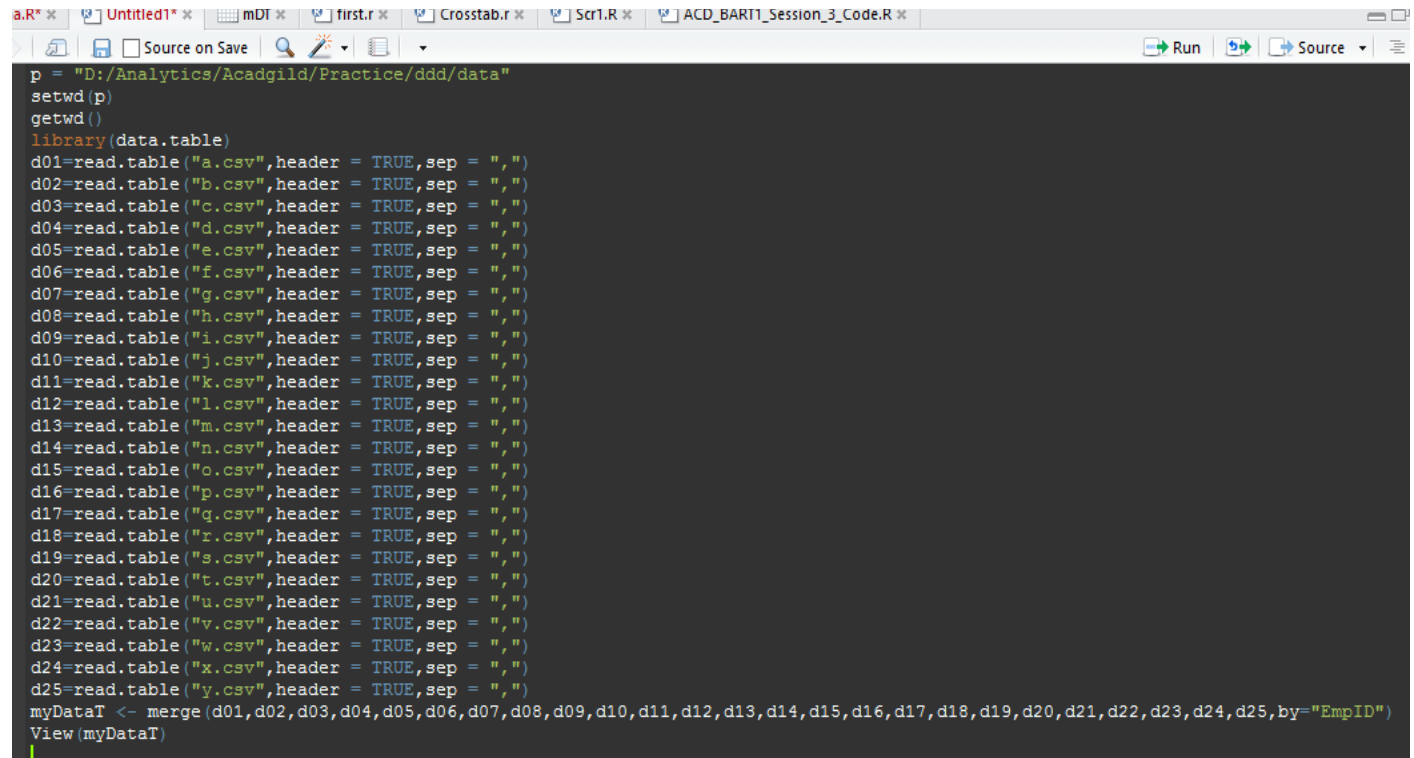
Ans: **Here we have 25 xlsx files and below is the screenshot of program-**



```
File Edit Code View Plots Session Build Debug Profile Tools Help
Go to file/function Addins
aaa.R* x Untitled1* x mDT x first.r x Crosstab.r x Scr1.R x ACD_BART1_Session_3_Code.R x
Source on Save Run Source
1 p = "D:/Analytics/Acadgild/Practice/ddd/data"
2 setwd(p)
3 getwd()
4 library(readxl)
5 md01=read_xlsx("a.xlsx")
6 md02=read_xlsx("b.xlsx")
7 md03=read_xlsx("c.xlsx")
8 md04=read_xlsx("d.xlsx")
9 md05=read_xlsx("e.xlsx")
10 md06=read_xlsx("f.xlsx")
11 md07=read_xlsx("g.xlsx")
12 md08=read_xlsx("h.xlsx")
13 md09=read_xlsx("i.xlsx")
14 md10=read_xlsx("j.xlsx")
15 md11=read_xlsx("k.xlsx")
16 md12=read_xlsx("l.xlsx")
17 md13=read_xlsx("m.xlsx")
18 md14=read_xlsx("n.xlsx")
19 md15=read_xlsx("o.xlsx")
20 md16=read_xlsx("p.xlsx")
21 md17=read_xlsx("q.xlsx")
22 md18=read_xlsx("r.xlsx")
23 md19=read_xlsx("s.xlsx")
24 md20=read_xlsx("t.xlsx")
25 md21=read_xlsx("u.xlsx")
26 md22=read_xlsx("v.xlsx")
27 md23=read_xlsx("w.xlsx")
28 md24=read_xlsx("x.xlsx")
29 md25=read_xlsx("y.xlsx")
30
31 mDT <- merge(md01,md02,md03,md04,md05,md06,md07,md08,md09,md10,md11,md12,md13,md14,md15,md16,md17,md18,md19,md20,md21,md22,md23,md24,md25,by="EmpID")
32 View(mDT)
```

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

Ans: Here we have 25 csv files and below is the screenshot of program-



```
a.R* x  Untitled1* x  mDT x  first.r x  Crosstab.r x  Scr1.R x  ACD_BART1_Session_3_Code.R x
Source on Save  Run  Source
p = "D:/Analytics/Acadgild/Practice/ddd/data"
setwd(p)
getwd()
library(data.table)
d01=read.table("a.csv",header = TRUE,sep = ",")
d02=read.table("b.csv",header = TRUE,sep = ",")
d03=read.table("c.csv",header = TRUE,sep = ",")
d04=read.table("d.csv",header = TRUE,sep = ",")
d05=read.table("e.csv",header = TRUE,sep = ",")
d06=read.table("f.csv",header = TRUE,sep = ",")
d07=read.table("g.csv",header = TRUE,sep = ",")
d08=read.table("h.csv",header = TRUE,sep = ",")
d09=read.table("i.csv",header = TRUE,sep = ",")
d10=read.table("j.csv",header = TRUE,sep = ",")
d11=read.table("k.csv",header = TRUE,sep = ",")
d12=read.table("l.csv",header = TRUE,sep = ",")
d13=read.table("m.csv",header = TRUE,sep = ",")
d14=read.table("n.csv",header = TRUE,sep = ",")
d15=read.table("o.csv",header = TRUE,sep = ",")
d16=read.table("p.csv",header = TRUE,sep = ",")
d17=read.table("q.csv",header = TRUE,sep = ",")
d18=read.table("r.csv",header = TRUE,sep = ",")
d19=read.table("s.csv",header = TRUE,sep = ",")
d20=read.table("t.csv",header = TRUE,sep = ",")
d21=read.table("u.csv",header = TRUE,sep = ",")
d22=read.table("v.csv",header = TRUE,sep = ",")
d23=read.table("w.csv",header = TRUE,sep = ",")
d24=read.table("x.csv",header = TRUE,sep = ",")
d25=read.table("y.csv",header = TRUE,sep = ",")
myDataT <- merge(d01,d02,d03,d04,d05,d06,d07,d08,d09,d10,d11,d12,d13,d14,d15,d16,d17,d18,d19,d20,d21,d22,d23,d24,d25,by="EmpID")
View(myDataT)
```