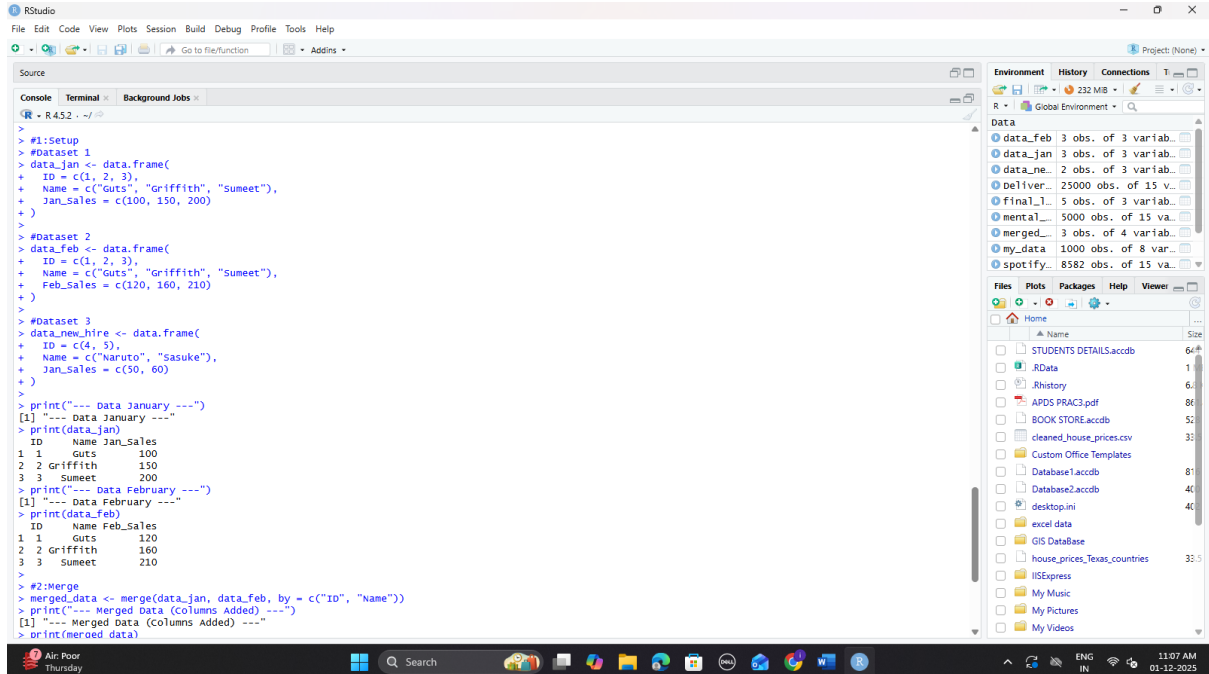


# SHETH L.U.J AND SIR M.V. COLLEGE

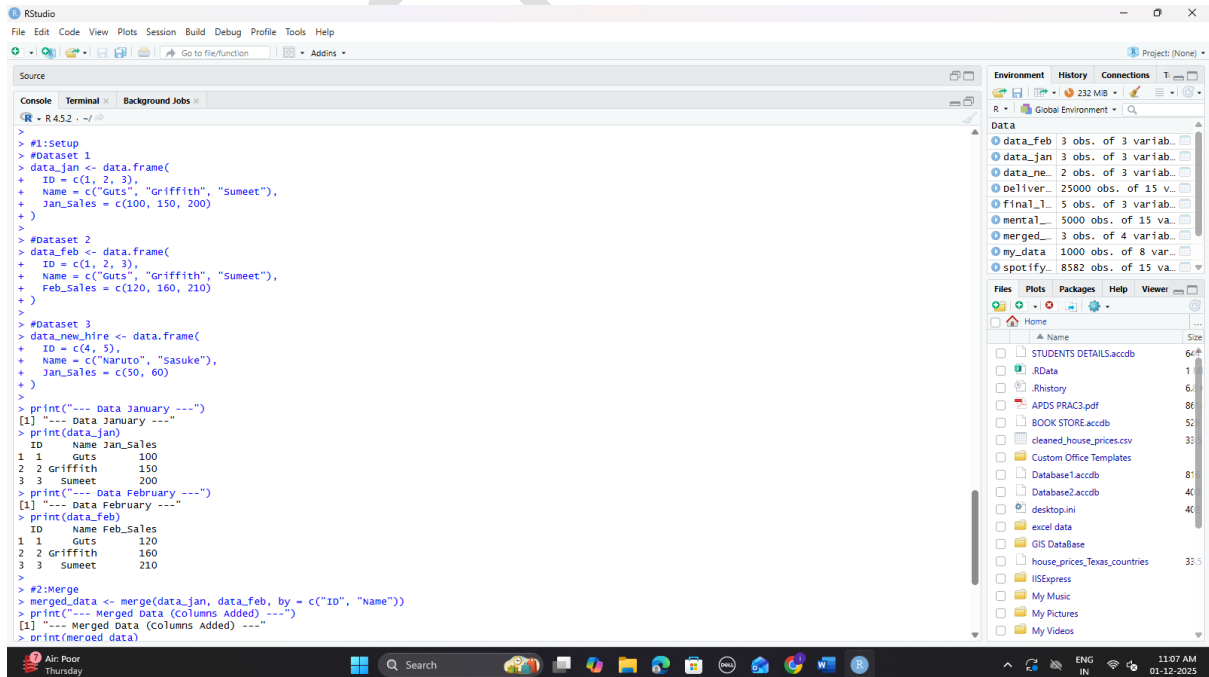
## SUBJECT :- DATA ANALYSIS WITH SAS/SPSS/R

### PRACTICAL – 6

**AIM:-** Combining and appending datasets using merge() or bind rows() in R.



```
R - R452 - ~/ -  
File Edit Code View Plots Session Build Debug Profile Tools Help  
Go to file/function Addins  
Source  
Console Terminal Background Jobs  
> #1:Setup  
> #Dataset 1  
> data_jan <- data.frame(  
+ ID = c(1, 2, 3),  
+ Name = c("Guts", "Griffith", "Sumeet"),  
+ Jan_Sales = c(100, 150, 200)  
+ )  
> #Dataset 2  
> data_feb <- data.frame(  
+ ID = c(1, 2, 3),  
+ Name = c("Guts", "Griffith", "Sumeet"),  
+ Feb_Sales = c(120, 160, 210)  
+ )  
> #Dataset 3  
> data_new_hire <- data.frame(  
+ ID = c(4, 5),  
+ Name = c("Naruto", "Sasuke"),  
+ Jan_Sales = c(50, 60)  
+ )  
> print("---- Data January ----")  
[1] "---- Data January ----"  
> print(data_jan)  
  ID Name Jan_Sales  
1  1 Guts         100  
2  2 Griffith      150  
3  3 Sumeet       200  
> print("---- Data February ----")  
[1] "---- Data February ----"  
> print(data_feb)  
  ID Name Feb_Sales  
1  1 Guts         120  
2  2 Griffith      160  
3  3 Sumeet       210  
> #2:Merge  
> merged_data <- merge(data_jan, data_feb, by = c("ID", "Name"))  
> print("---- Merged Data (columns Added) ----")  
[1] "---- Merged Data (columns Added) ----"  
> print(merged_data)
```



```
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> #1:Setup  
> #Dataset 1  
> data_jan <- data.frame(  
+ ID = c(1, 2, 3),  
+ Name = c("Guts", "Griffith", "Sumeet"),  
+ Jan_Sales = c(100, 150, 200)  
+ )  
> #Dataset 2  
> data_feb <- data.frame(  
+ ID = c(1, 2, 3),  
+ Name = c("Guts", "Griffith", "Sumeet"),  
+ Feb_Sales = c(120, 160, 210)  
+ )  
> #Dataset 3  
> data_new_hire <- data.frame(  
+ ID = c(4, 5),  
+ Name = c("Naruto", "Sasuke"),  
+ Jan_Sales = c(50, 60)  
+ )  
> print("---- Data January ----")  
[1] "---- Data January ----"  
> print(data_jan)  
  ID Name Jan_Sales  
1  1 Guts         100  
2  2 Griffith      150  
3  3 Sumeet       200  
> print("---- Data February ----")  
[1] "---- Data February ----"  
> print(data_feb)  
  ID Name Feb_Sales  
1  1 Guts         120  
2  2 Griffith      160  
3  3 Sumeet       210  
> #2:Merge  
> merged_data <- merge(data_jan, data_feb, by = c("ID", "Name"))  
> print("---- Merged Data (columns Added) ----")  
[1] "---- Merged Data (columns Added) ----"  
> print(merged_data)
```