

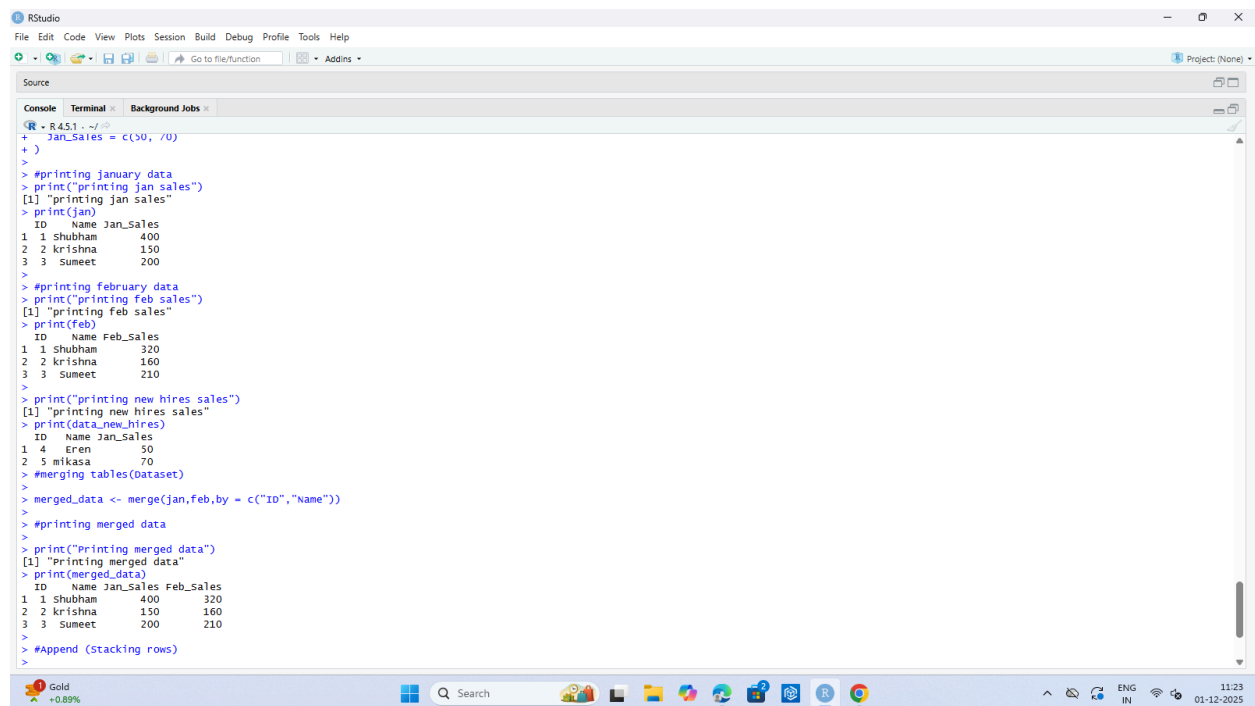
SHETH L.U.J. AND SIR M.V. COLLEGE OF ARTS SCIENCE AND COMMERCE

SUBJECT : R Programming

Practical No 6

Aim : Combining and appending datasets using merge() or bind_rows() in R.

Output :



```
R - R 4.5.1 - ~/R
File Edit Code View Plots Session Build Debug Profile Tools Help
Go to file/function Addins
Project: (None)
Source
Console Terminal Background Jobs
R - R 4.5.1 - ~/R
+ Jan_Sales = c(50, 70)
+
>
> #printing january data
> print("printing jan sales")
[1] "printing jan sales"
> print(jan)
  ID Name Jan_Sales
1  1 Shubham      400
2  2 Krishna      150
3  3 Sumeet      200
>
> #printing february data
> print("printing feb sales")
[1] "printing feb sales"
> print(feb)
  ID Name Feb_Sales
1  1 Shubham      320
2  2 Krishna      160
3  3 Sumeet      210
>
> #printing new hires sales
[1] "printing new hires sales"
> print(data_new_hires)
  ID Name Jan_Sales
1  4 Eren         50
2  5 mikasa       70
> #merging tables(Dataset)
>
> merged_data <- merge(jan,feb,by = c("ID","Name"))
>
> #printing merged data
>
> print("printing merged data")
[1] "printing merged data"
> print(merged_data)
  ID Name Jan_Sales Feb_Sales
1  1 Shubham      400      320
2  2 Krishna      150      160
3  3 Sumeet      200      210
>
> #Append (Stacking rows)
>
```

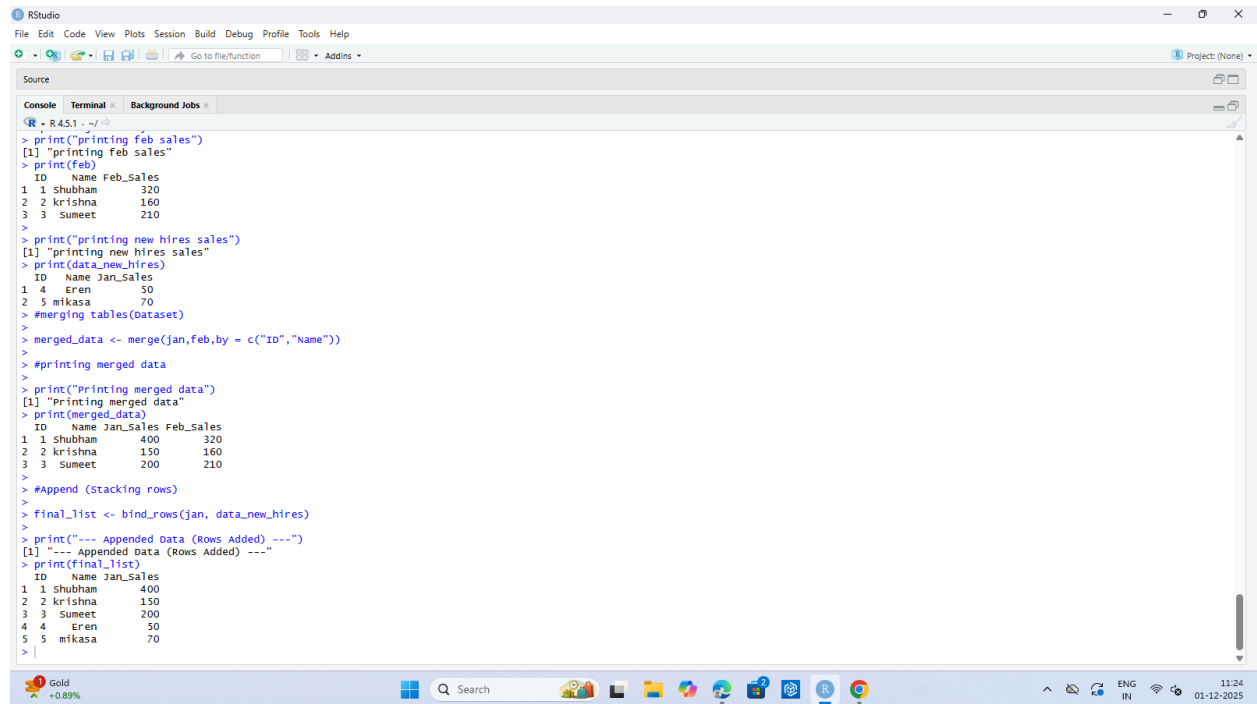
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SUBJECT : R Programming



```
R - R 4.5.1 - ~/R
File Edit Code View Plots Session Build Debug Profile Tools Help
Go to file/function Addins Project: (None)

Source
Console Terminal Background Jobs

> print("printing feb sales")
[1] "printing feb sales"
> print(feb)
  ID Name Feb_Sales
1  1 Shubham      320
2  2 Krishna      160
3  3 Sumeet      210
>
> print("printing new hires sales")
[1] "printing new hires sales"
> print(data_new_hires)
  ID Name Jan_Sales
1  4 Eren         50
2  5 mikasa       70
> #merging tables(dataset)
> merged_data <- merge(jan,feb,by = c("ID","Name"))
>
> #printing merged data
>
> print("Printing merged data")
[1] "Printing merged data"
> print(merged_data)
  ID Name Jan_Sales Feb_Sales
1  1 Shubham      400      320
2  2 Krishna      150      160
3  3 Sumeet      200      210
>
> #Append (Stacking rows)
>
> final_list <- bind_rows(jan, data_new_hires)
>
> print("---- Appended Data (Rows Added) ----")
[1] "---- Appended Data (Rows Added) ----"
> print(final_list)
  ID Name Jan_Sales
1  1 Shubham      400
2  2 Krishna      150
3  3 Sumeet      200
4  4 Eren         50
5  5 mikasa       70
> |
```

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