

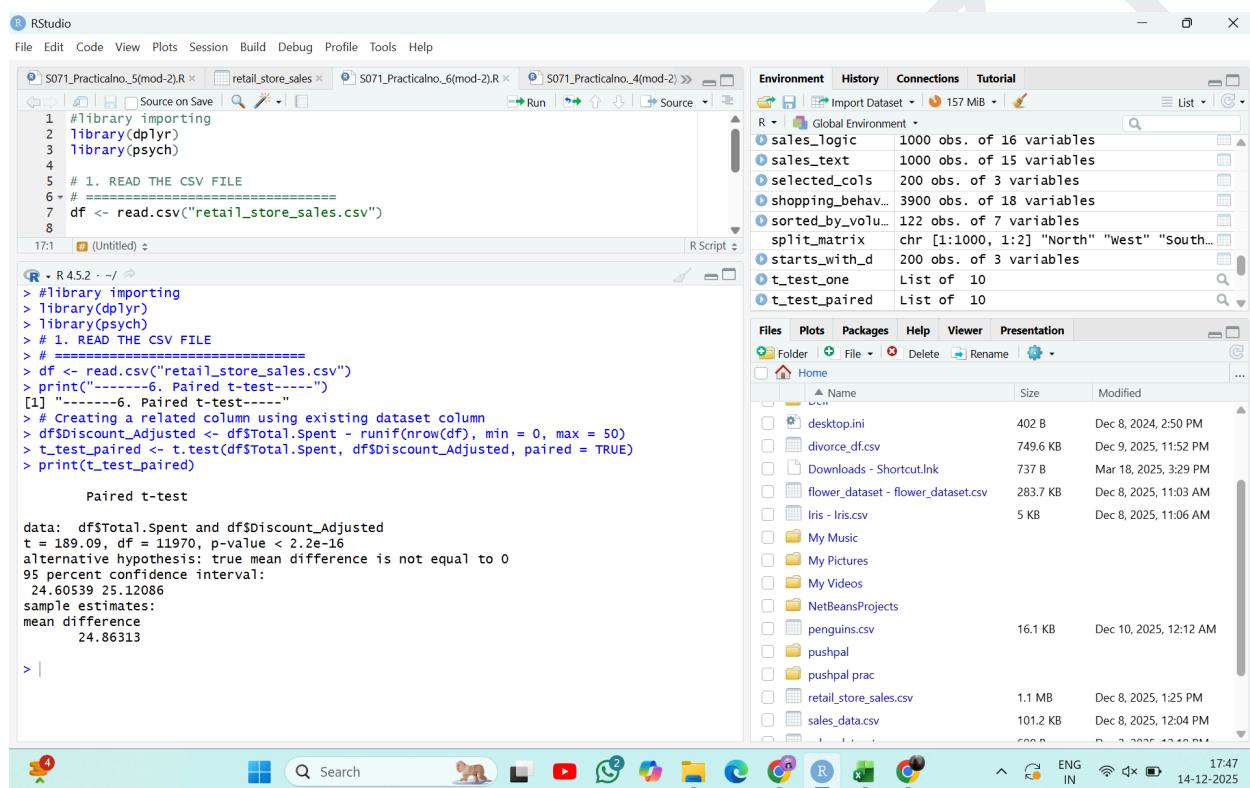
SHETH L.U.J AND SIR M.V COLLEGE

Subject: Data Analysis with SAS / SPSS /R

Practical no. 6

Aim: Performing paired t-tests using t.test(paired=TRUE) (R).

Outputs→



The screenshot shows the RStudio interface with the following details:

- File Bar:** File, Edit, Code, View, Plots, Session, Build, Debug, Profile, Tools, Help.
- Left Panel:** Shows three open files: S071_Practicalno_5(mod-2).R, retail_store_sales.R, and S071_Practicalno_6(mod-2).R.
- Code Editor:** The script pane contains R code for importing libraries (dplyr, psych), reading a CSV file, creating a related column, and performing a paired t-test. The output shows the results of the paired t-test.
- Environment Tab:** Displays the global environment with objects like sales_logic, sales_text, selected_cols, shopping_behavior, sorted_by_volume, split_matrix, starts_with_d, t_test_one, and t_test_paired.
- Files Tab:** Shows the file structure of the current directory, including files like desktop.ini, divorce_df.csv, Downloads - Shortcut.lnk, flower_dataset - flower_dataset.csv, Iris - Iris.csv, My Music, My Pictures, My Videos, NetBeansProjects, penguins.csv, pushpal, pushpal_prac, retail_store_sales.csv, and sales_data.csv.
- Plots Tab:** No plots are currently displayed.
- Packages Tab:** No packages are currently displayed.
- Help Tab:** No help is currently displayed.
- Viewer Tab:** No viewer output is currently displayed.
- Presentation Tab:** No presentation is currently displayed.