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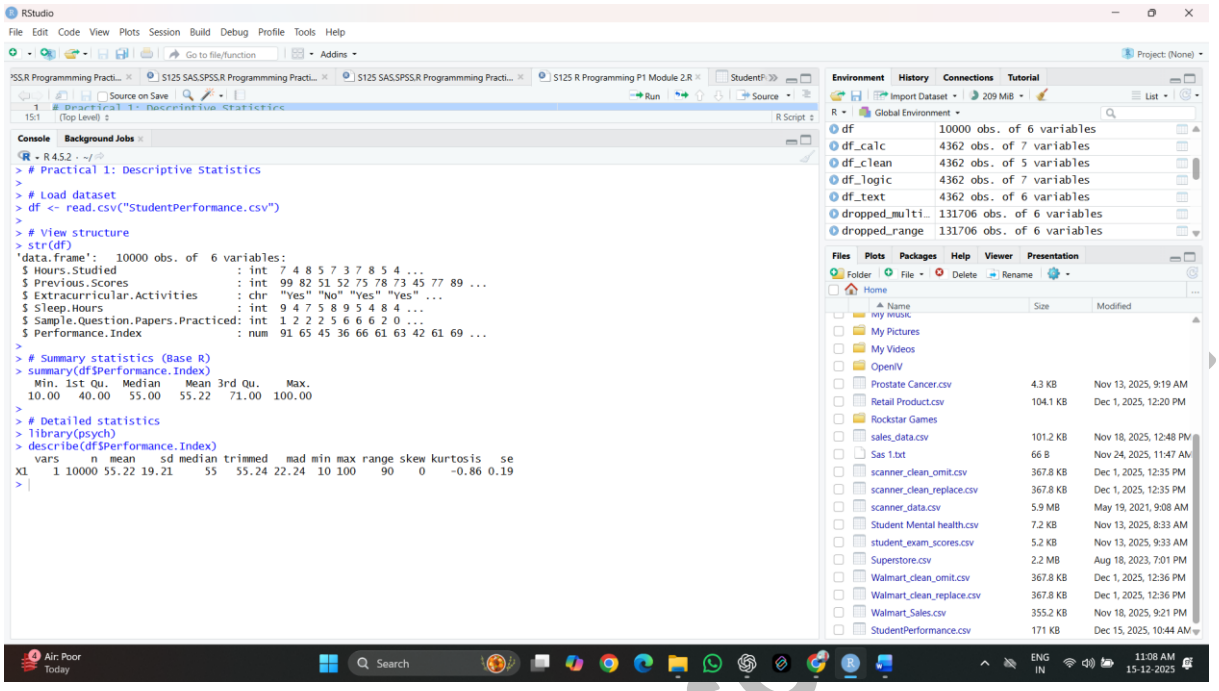
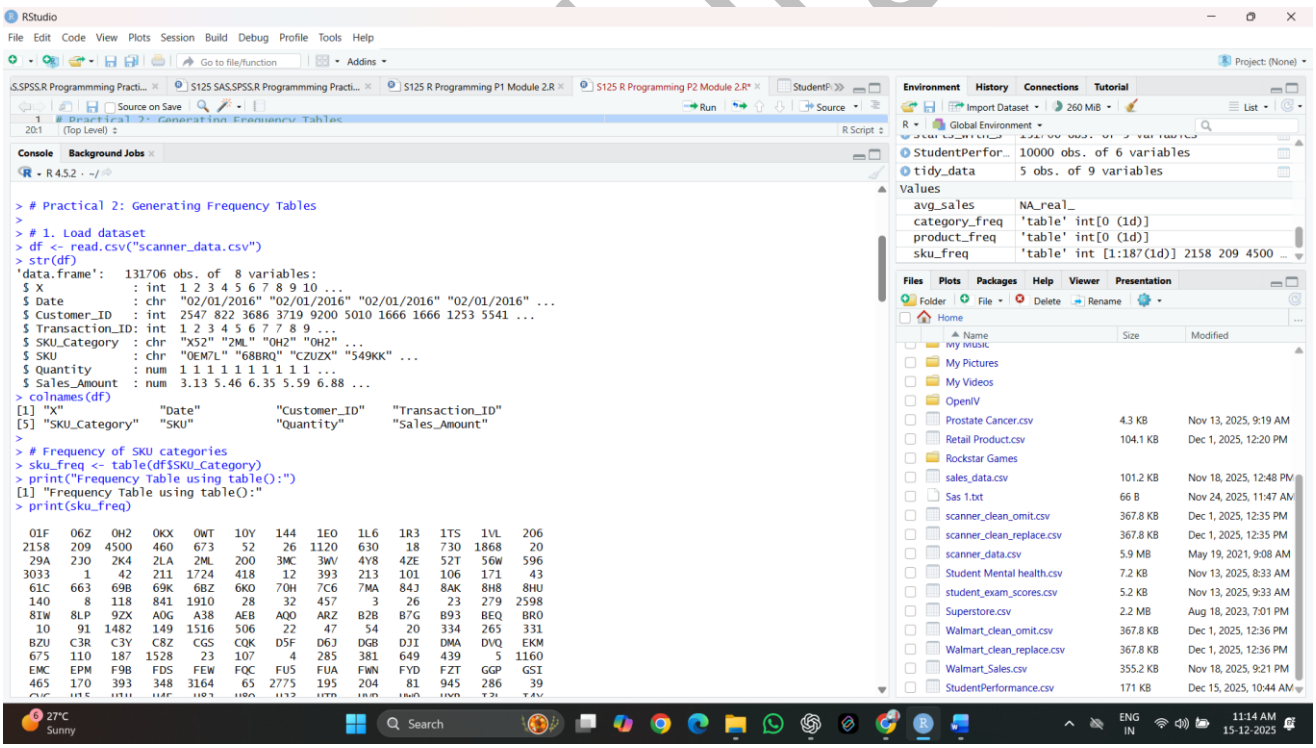
SAS?SPSS?R Programming
Practcal No:1 to 6 Module 2

Aim 1: Generating descriptive statistics using summary() or describe() (R).



Aim 2: Generating frequency tables using table() or count() (R).



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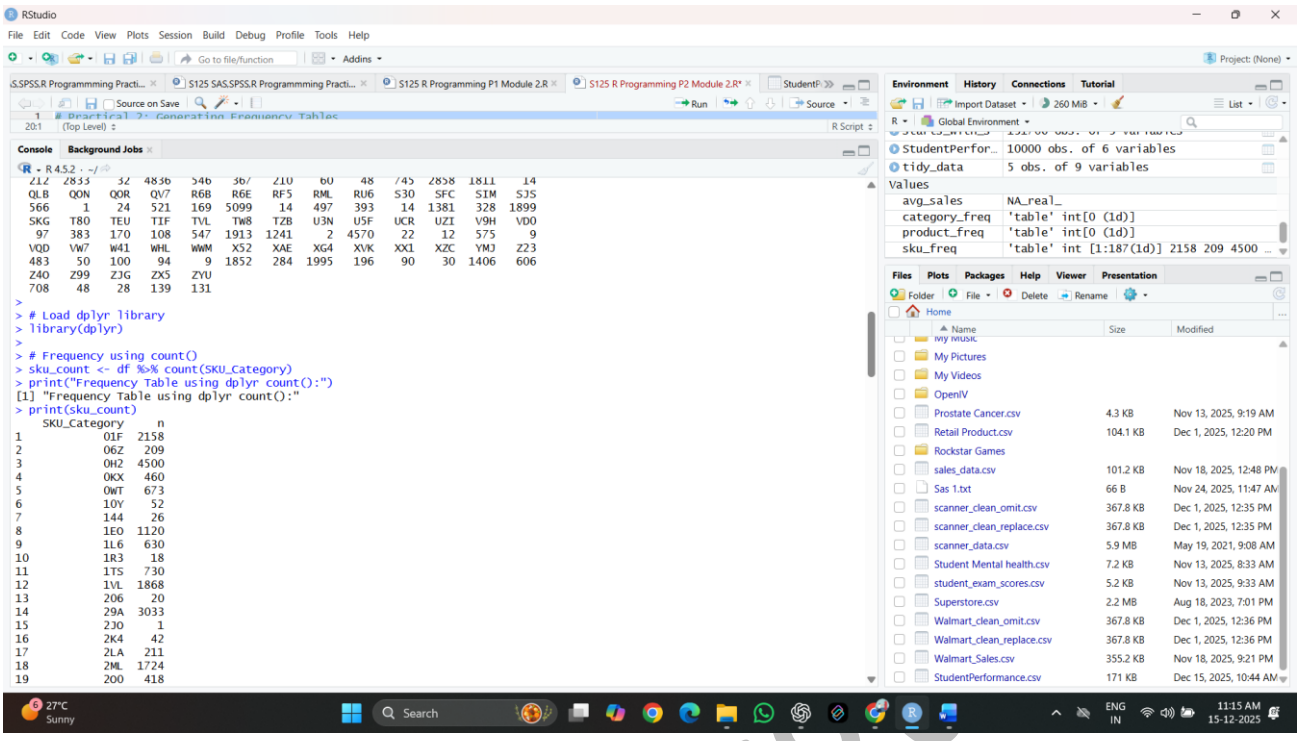

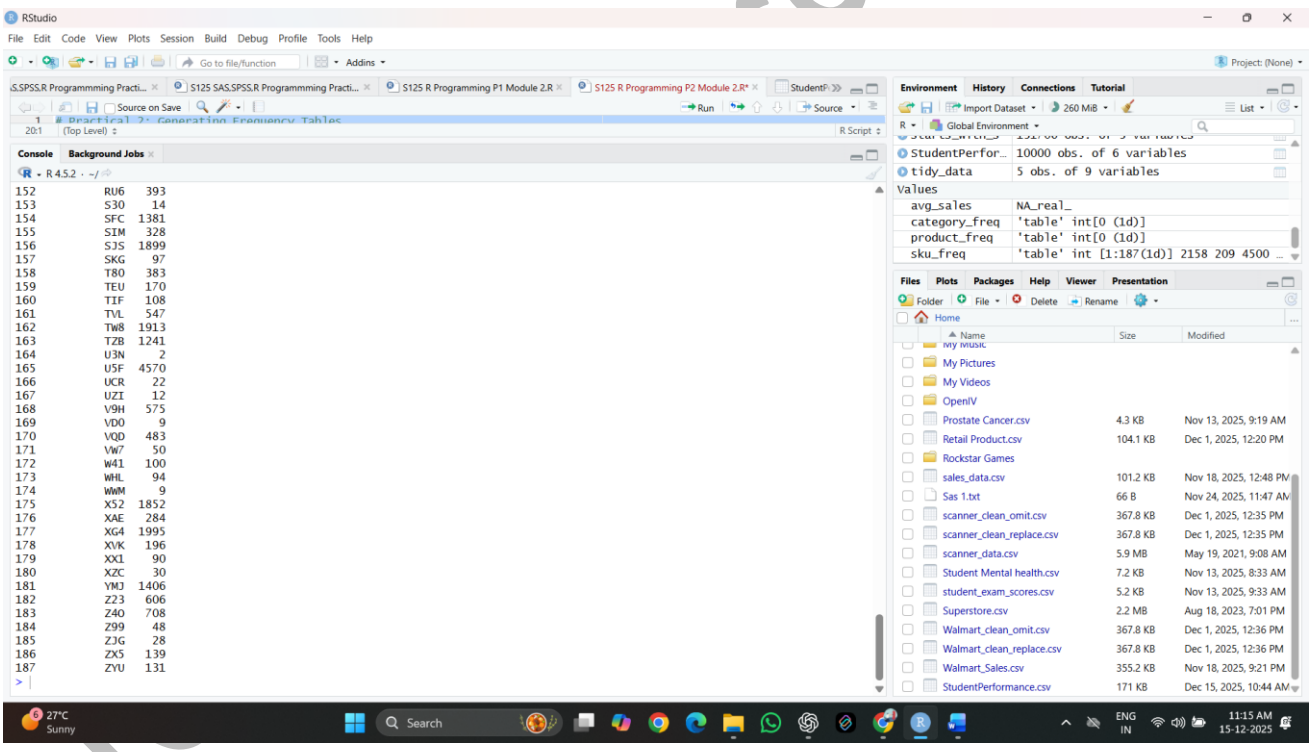

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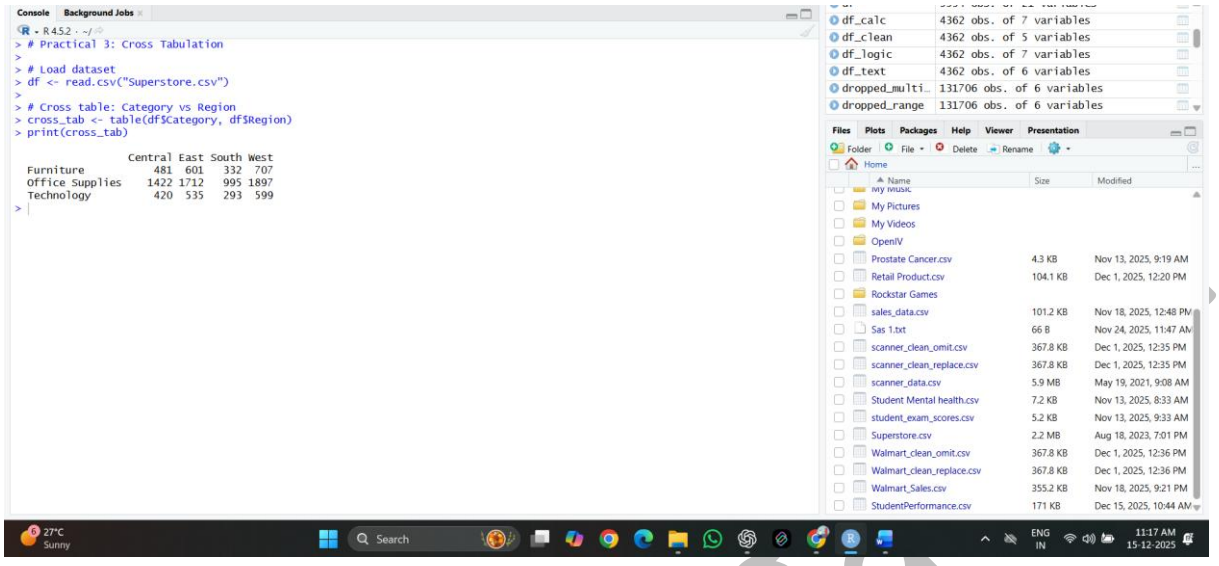
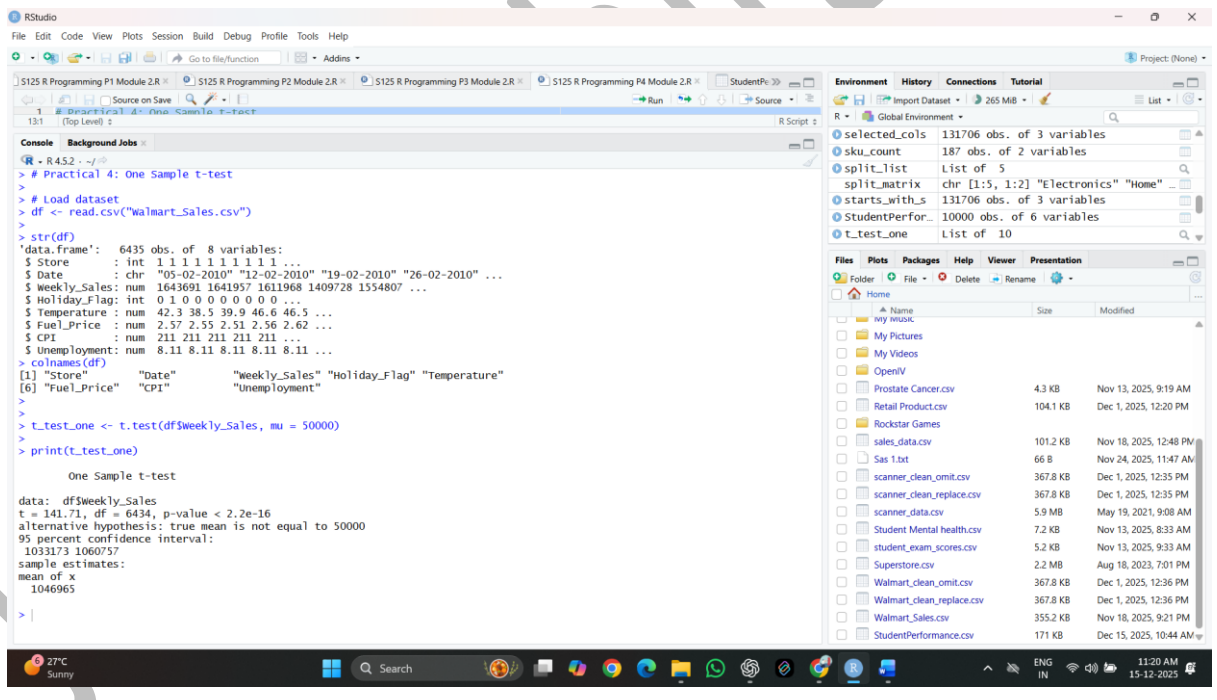
Aim 3: Creating cross-tabulations and two-way tables using table() (R).



Aim 4: Performing one-sample t-tests using t.test() (R).



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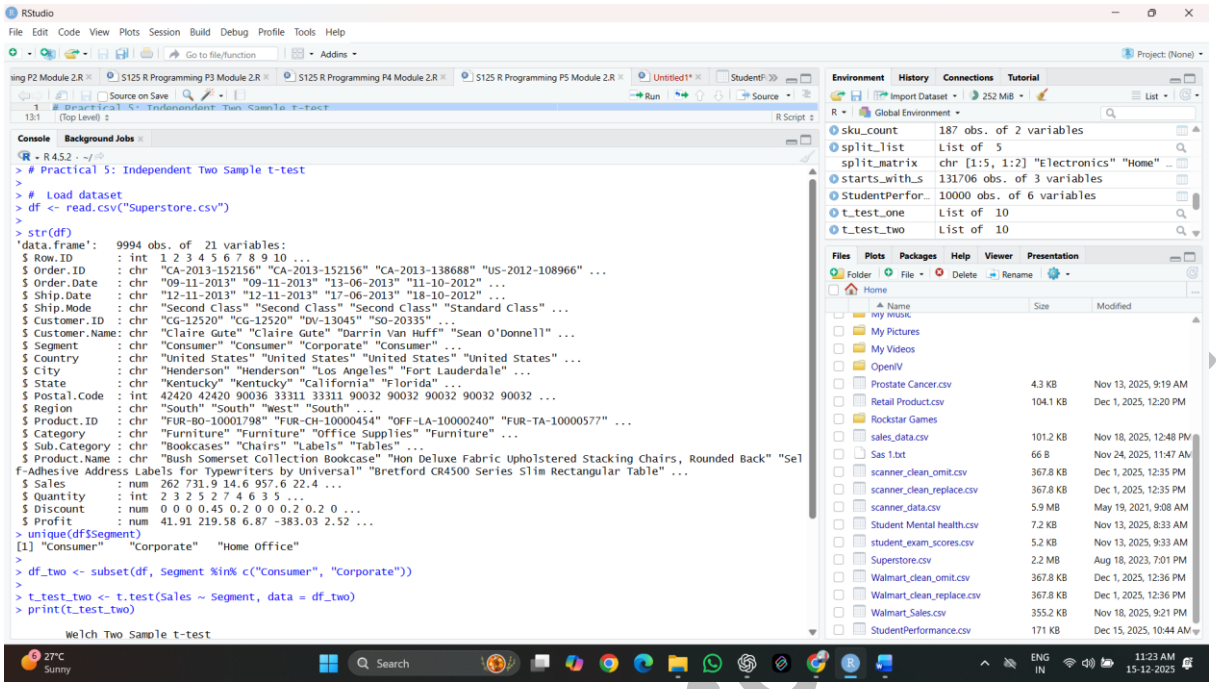
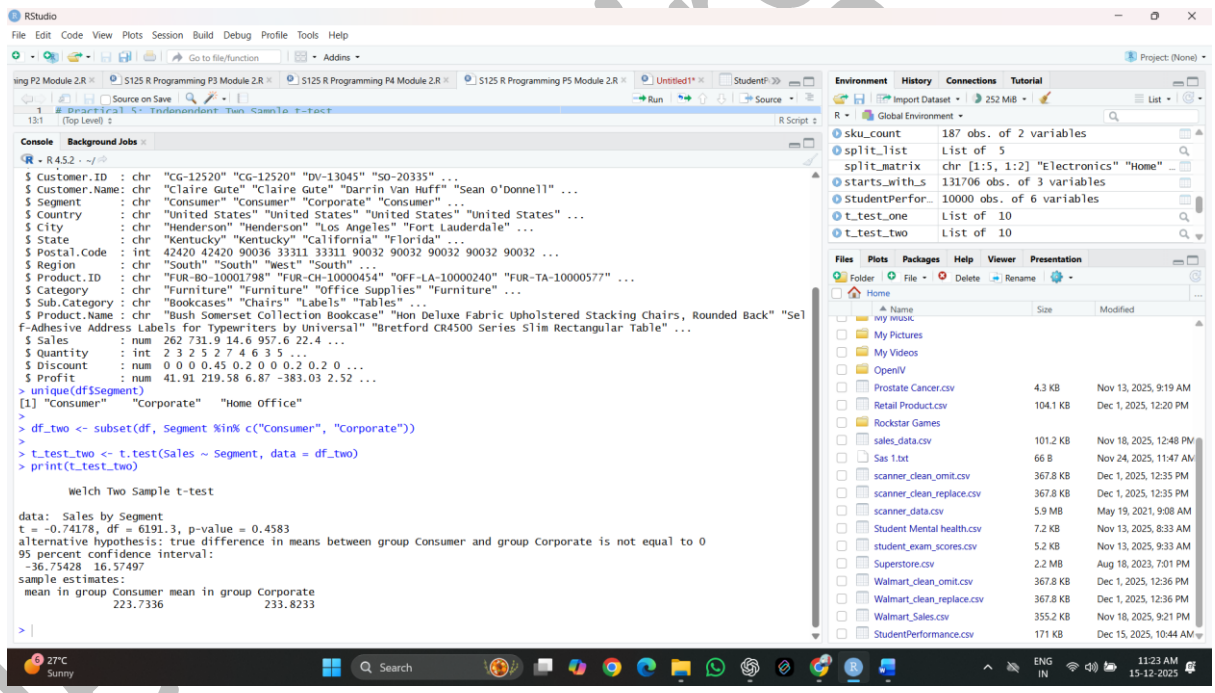
Aim 5: Performing independent two-sample t-tests using t.test() with grouping (R).





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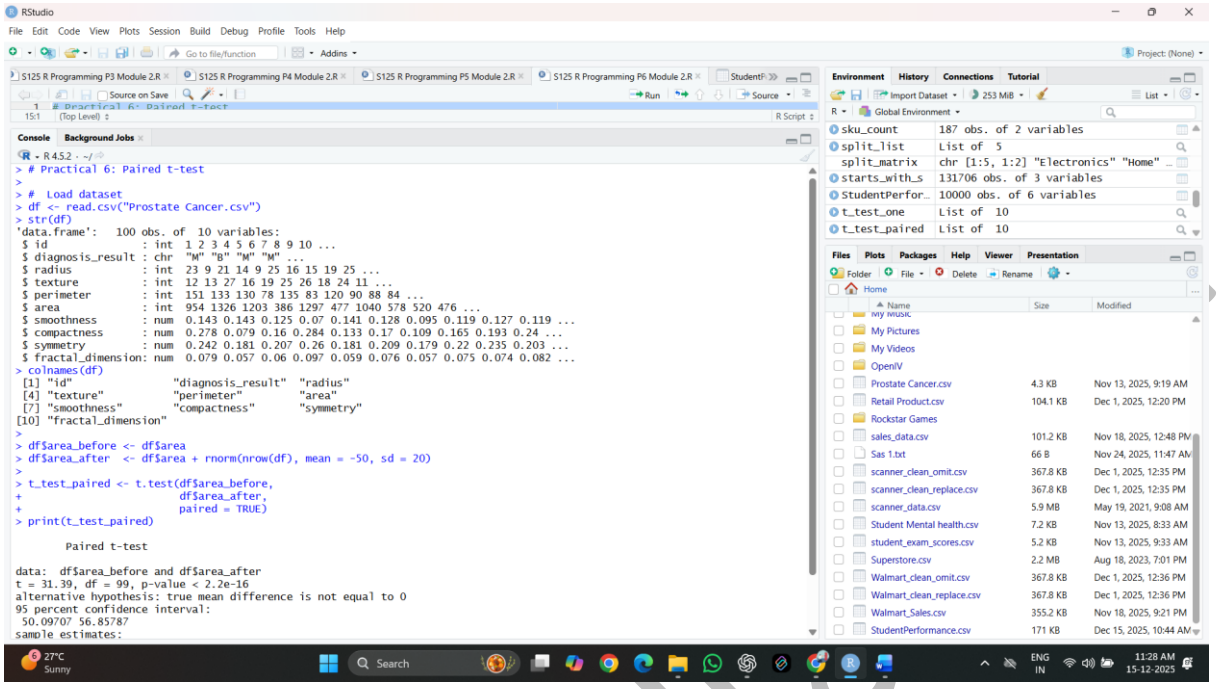
Aim 6: Performing paired t-tests using t.test(paired=TRUE) (R).




```
> print(t_test_paired)

        Paired t-test

data:  df$area_before and df$area_after
t = 31.39, df = 99, p-value < 2.2e-16
alternative hypothesis: true mean difference is not equal to 0
95 percent confidence interval:
 50.09707 56.85787
sample estimates:
mean difference
       53.47747

> |
```