# AI Assisted Coding Lab Assignment (1.2)

Name : K.Poojitha

Roll No : 2403A51185

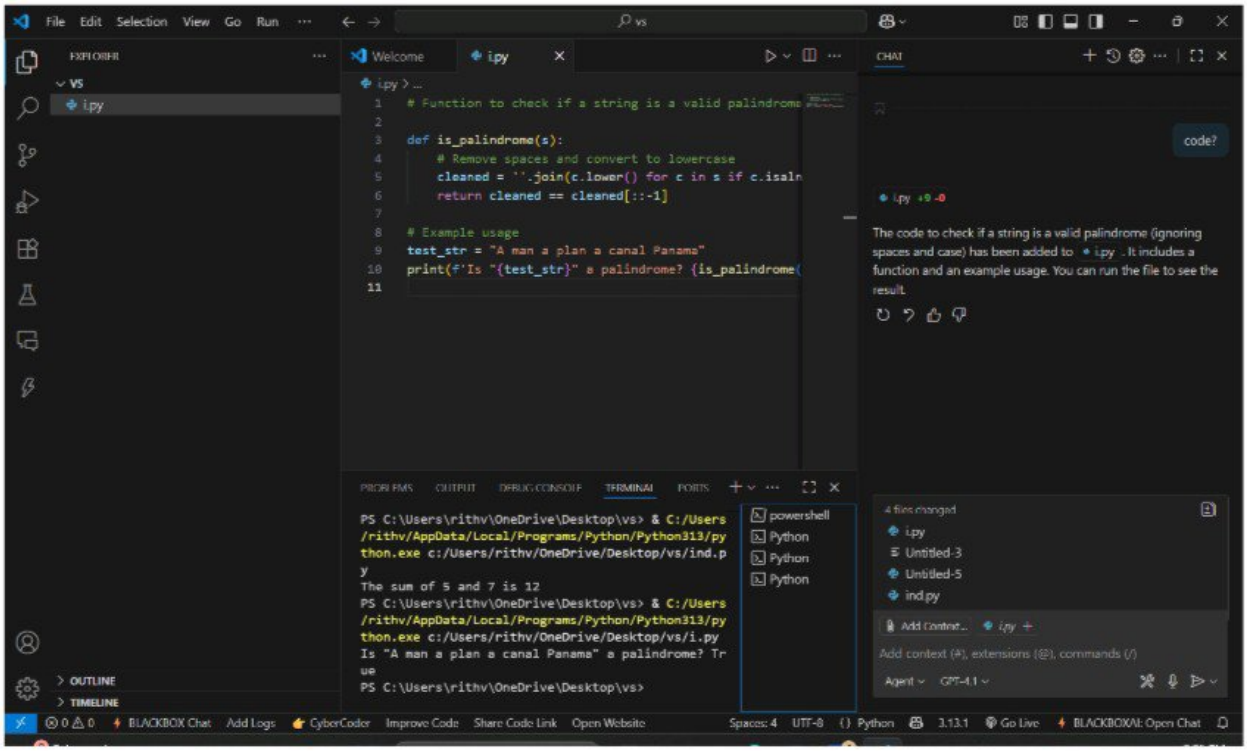
Section : CS-B09

## Task 1:

### Prompt used:

**# Function to check if a string is a valid palindrome (ignoring spaces and case) and allow Copilot to complete it**

Code:

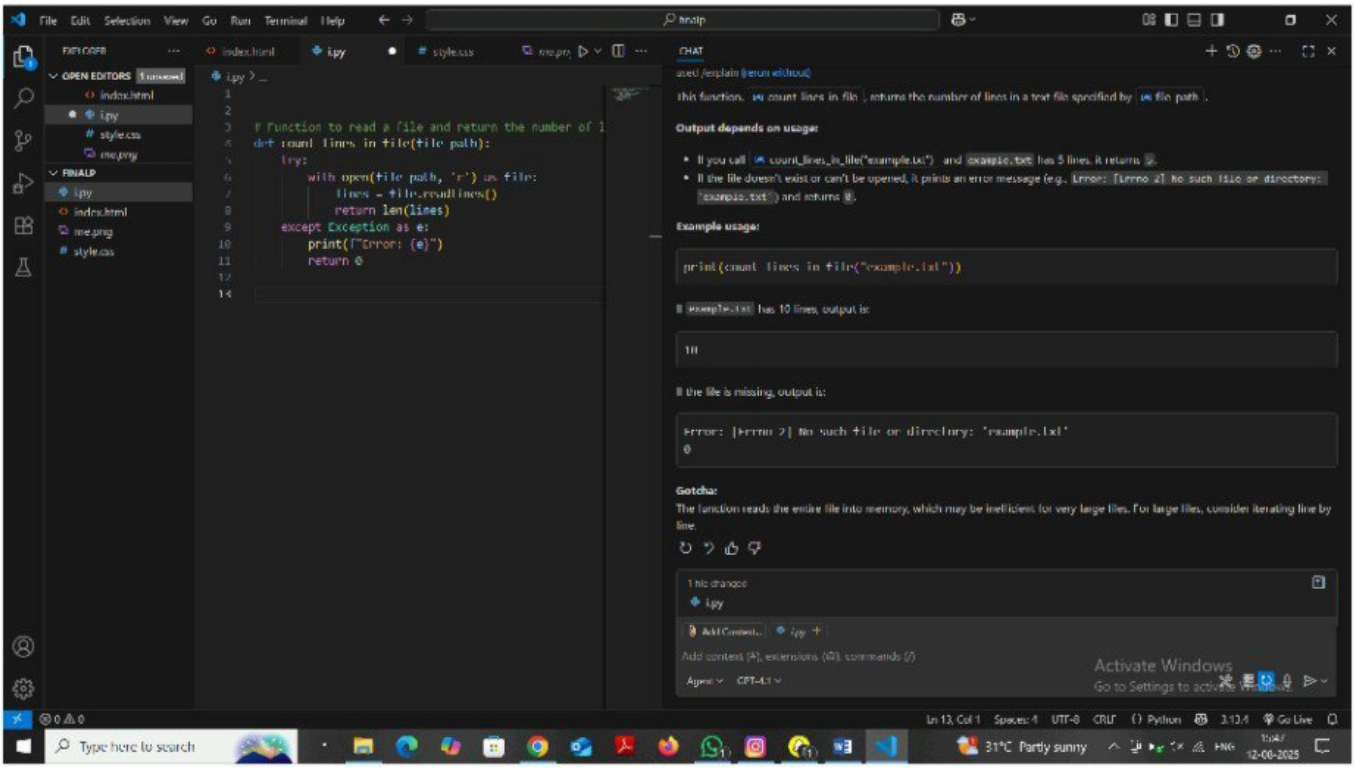


## Task 5:

### Prompt used:

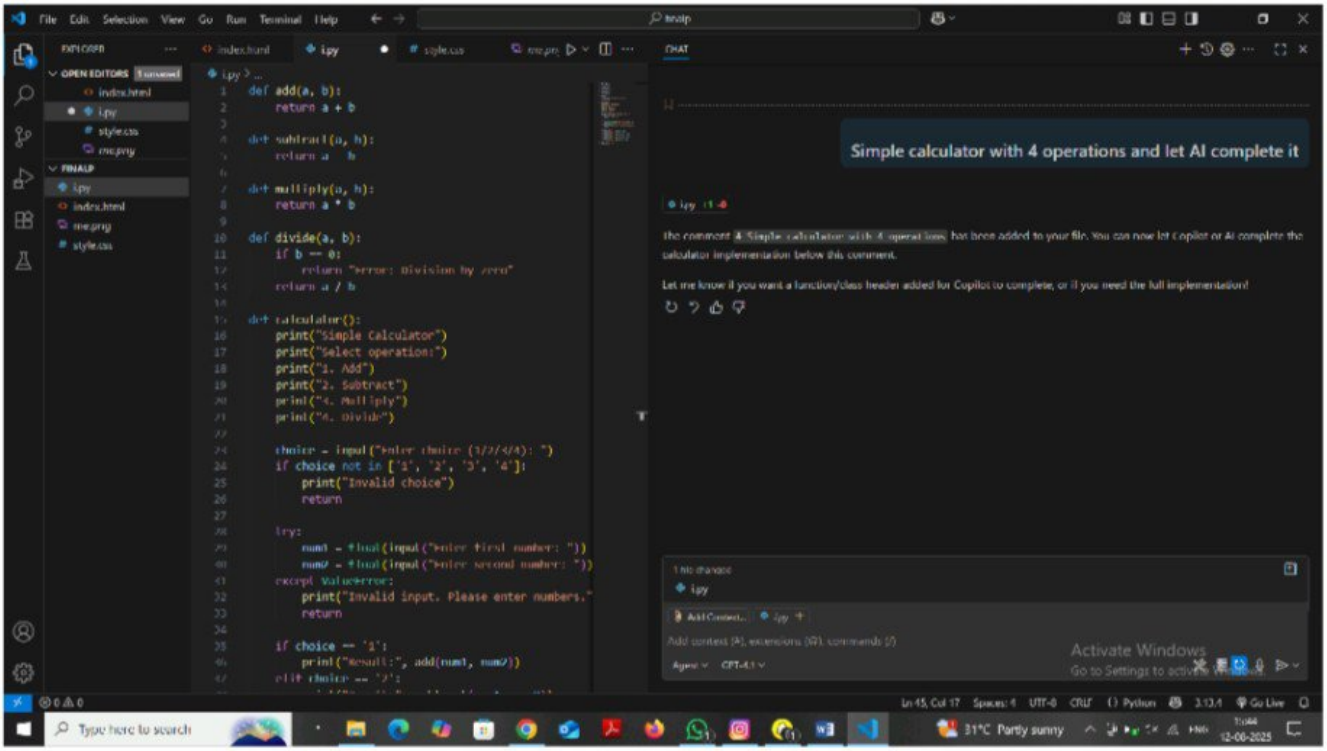
# Use a comment to instruct AI to write a function that reads a file and returns the number of lines..

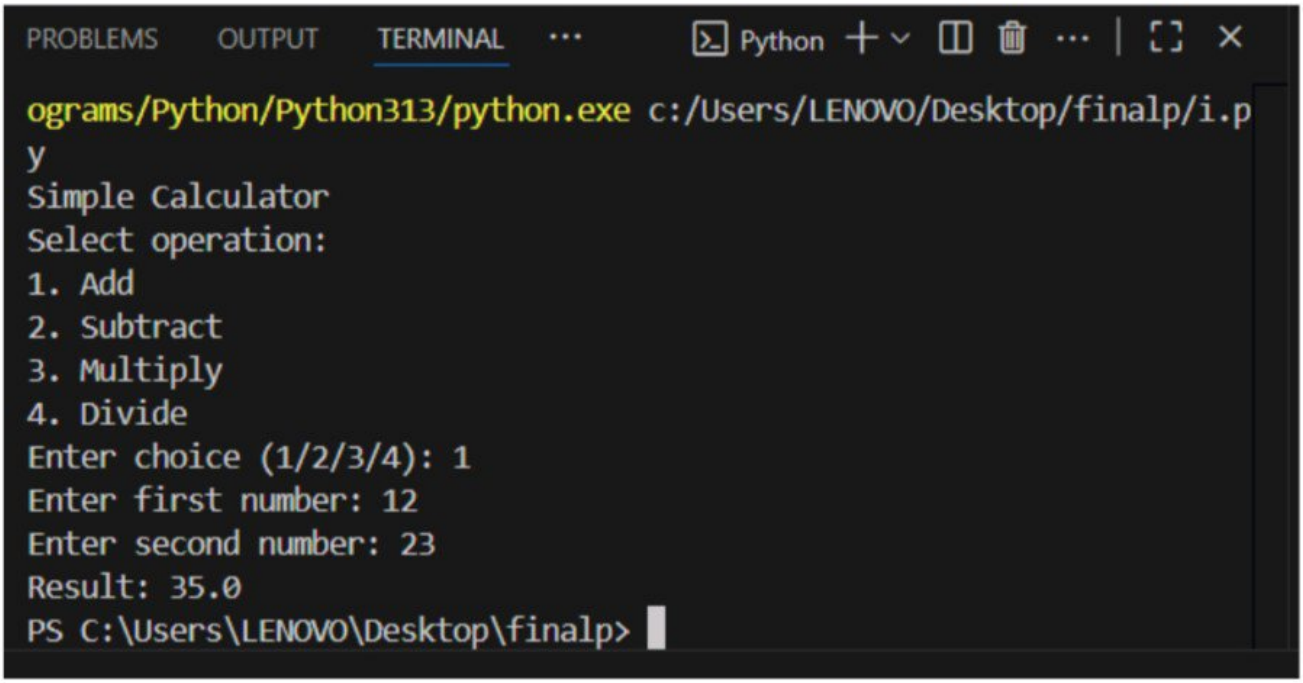
# code:

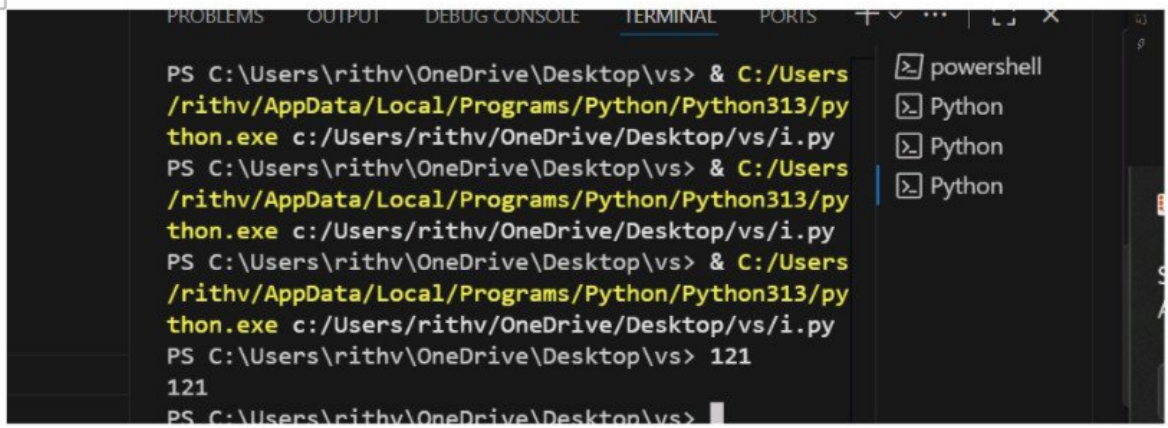


# Generate a program that simulates a basic calculator (add, subtract, multiply, divide). Write the comment: # Simple calculator with 4 operations and let AI complete it.

Code:



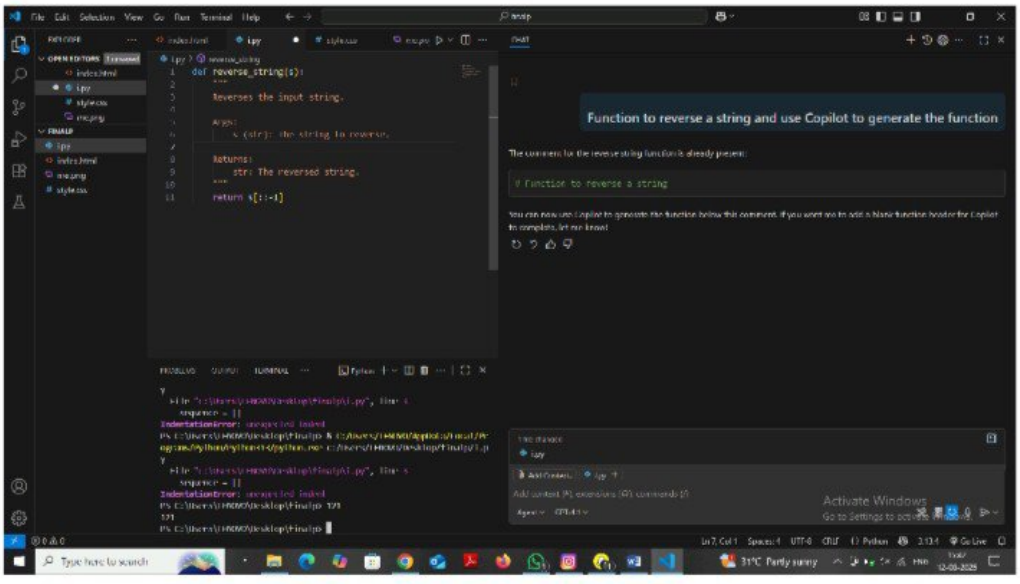



## Task 3:

Prompt used:

# Write a comment like # Function to reverse a string and use Copilot to generate the function

Code:




## Task 4:

Prompt used:

## Task 2:

## Prompt used:

# Generate a Python function that returns the Fibonacci sequence up to n terms. Prompt with only a function header and docstring

Code: