LAB-3 ASSIGNMENT 6.4

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TASK 2:

Write the first two lines of a for loop to iterate through a list of numbers. Use a comment prompt to let Copilot suggest how to calculate and print the square of even numbers only.

PROMPT:

Comment prompt that will guide GitHub copilot to suggest the right code for Squaring and printing only even numbers:

CODE:

```python
numbers t2.py > ...
1    numbers = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
2
3    for num in numbers:
4        # calculate and print the square of even numbers
5        if num % 2 == 0:
6            print(num ** 2)
```

OUTPUT:

```
PS C:\Users\Aakash\OneDrive\Desktop\AI assissted> & 'e:\kutty\python.exe' 'c:\Users\Aakash\.vscode\extensions\ms-python.debugpy-2025.10.0-win32-x64\bundled\libs\debugpy\launcher' '6001
1' '--' 'c:\Users\Aakash\OneDrive\Desktop\AI assissted\numbers t2.py'
4
16
36
64
100
PS C:\Users\Aakash\OneDrive\Desktop\AI assissted>
```

OBSERVATION:

The loop + comment guide copilot to generate the missing logic for filtering even numbers and squaring them.