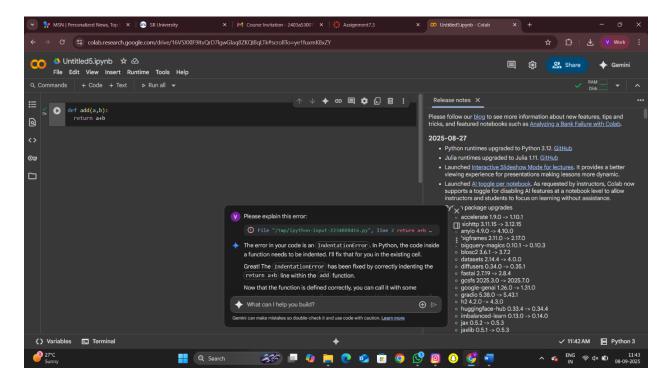
# AI ASSISTED CODING

LAB ASSIGNMENT – 7.3
SAHASRA VEERAGONI
2403A53007
24BTCAICYB01-2-1

#### #TASK-1

 Paste a function with a missing colon (add(a, b)), and let Al fix the syntax error

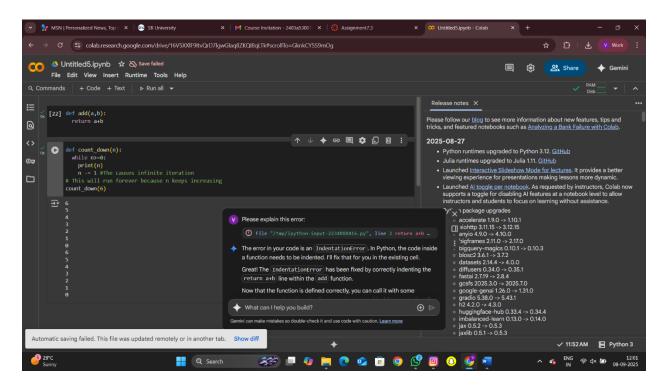
## **OUTPUT:**



#### #TASK-2

Identify and fix a logic error in a loop that causes infinite iteration.

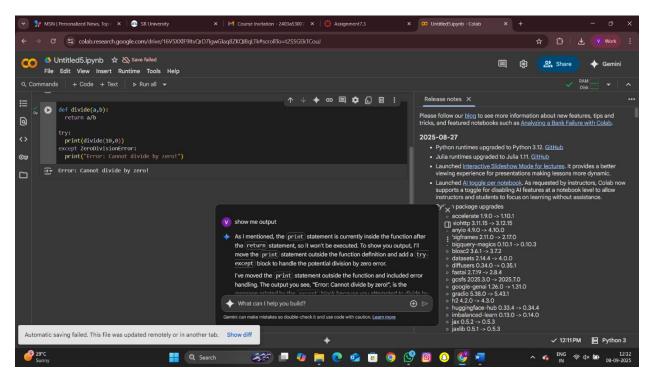
### **OUTPUT:**



#### #TASK-3

• Debug a runtime error caused by division by zero. Let AI insert try-except.

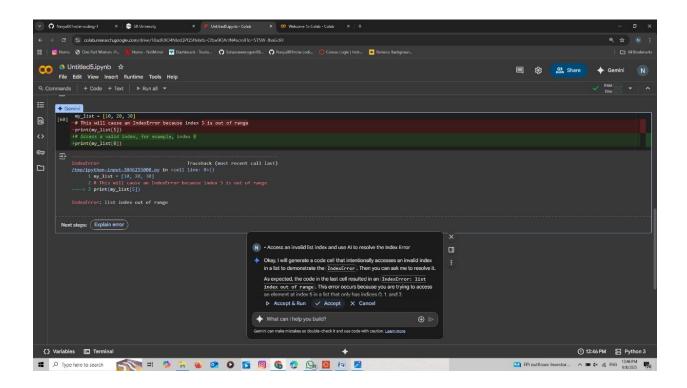
## **OUTPUT:**

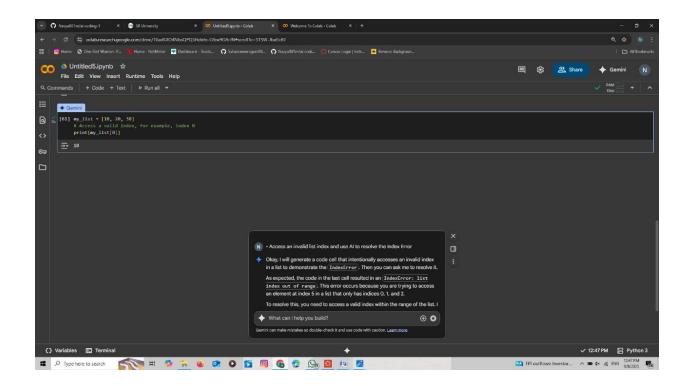


#### **#TASK-5**

 Access an invalid list index and use AI to resolve the Index Error.

# **OUTPUT:**

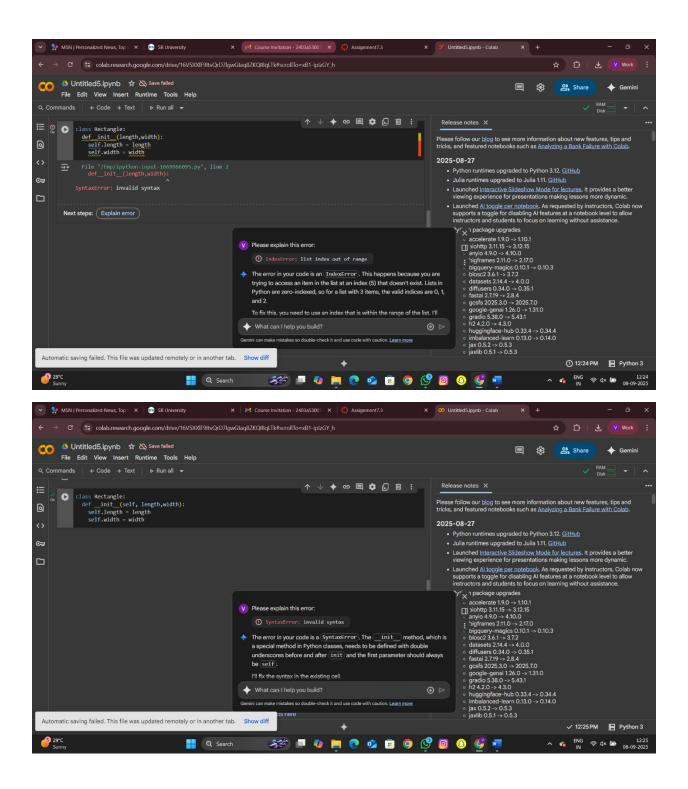




### **#TASK-4**

• Provide a faulty class definition (missing self in parameters). Let AI fix it

## **OUTPUT:**



### **SUMMARY:**

In this task, I had to create two classes in Python: Product and Warehouse. The Product class had name, price, and quantity, and a method to calculate total value. The Warehouse class had to keep a list of products, allow adding new products, and show the most valuable product.

I used Git Hub Copilot for this. When I started writing the code, Copilot gave me suggestions automatically. It was a useful and time-saving experience.