AI ASSISTED CODING

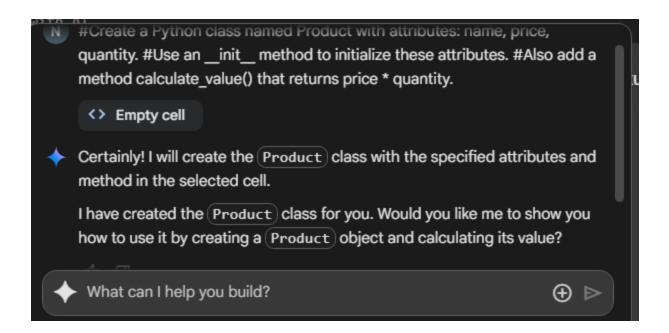
LAB ASSIGNMENT – 6.5 SATHVIKA CH 2403A53026 24BTCAICYB01-2-1

#TASK-1

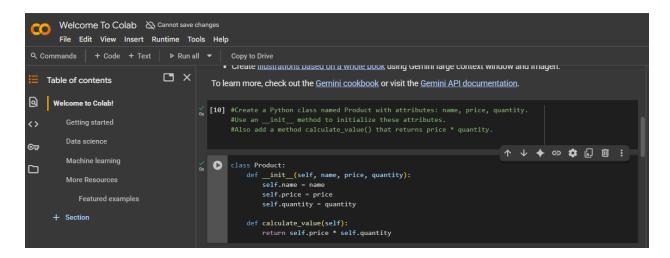
Class Design Using AI Assistance:

- Begin defining a Product class with attributes: name, price, quantity.
- Use the AI suggestion feature to automatically complete the __init__() method.
- Add a method calculate_value() to return price * quantity.

PROMPT:



OUTPUT:

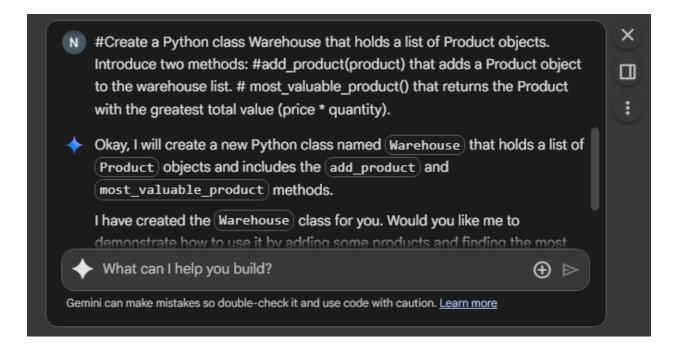


#TASK-2

Define a Warehouse class with a list of Product objects.

- Use code completion to help implement:
- A method to add a product.
- o A method to display the most valuable product.

PROMPT:



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.