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School of Computer Science and Artificial Intelligence

Lab Assignment # 4.5

Program	**: B. Tech (CSE)**
Specialization	**: -**
Course Title	**: AI Assisted Coding**
Course Code	**: 23CS002PC304**
Semester	**: II**
Academic Session	**: 2025-2026**
Name of Student	**: I.Sathwik Rajeshwara Chary**
Enrollment No.	**: 2403A51L03**
Batch No.	**: 51**
Date	**: 16/01/26**

Submission Starts here

Screenshots:
1.

TASK - A:

1. I haven't received my invoice for March.
2. My payment was deducted twice.
3. The app crashes when I try to login.
4. I am unable to reset my password.
5. Great customer support experience!
6. Your service quality is excellent.
7. What are your working hours?
8. Do you have an office in Hyderabad?
9. I was charged after canceling my plan.
10. The website is very slow today.

TASK - B:

Prompt:
Classify the above emails into one of these categories:
Billing, Technical Support, Feedback, Others.

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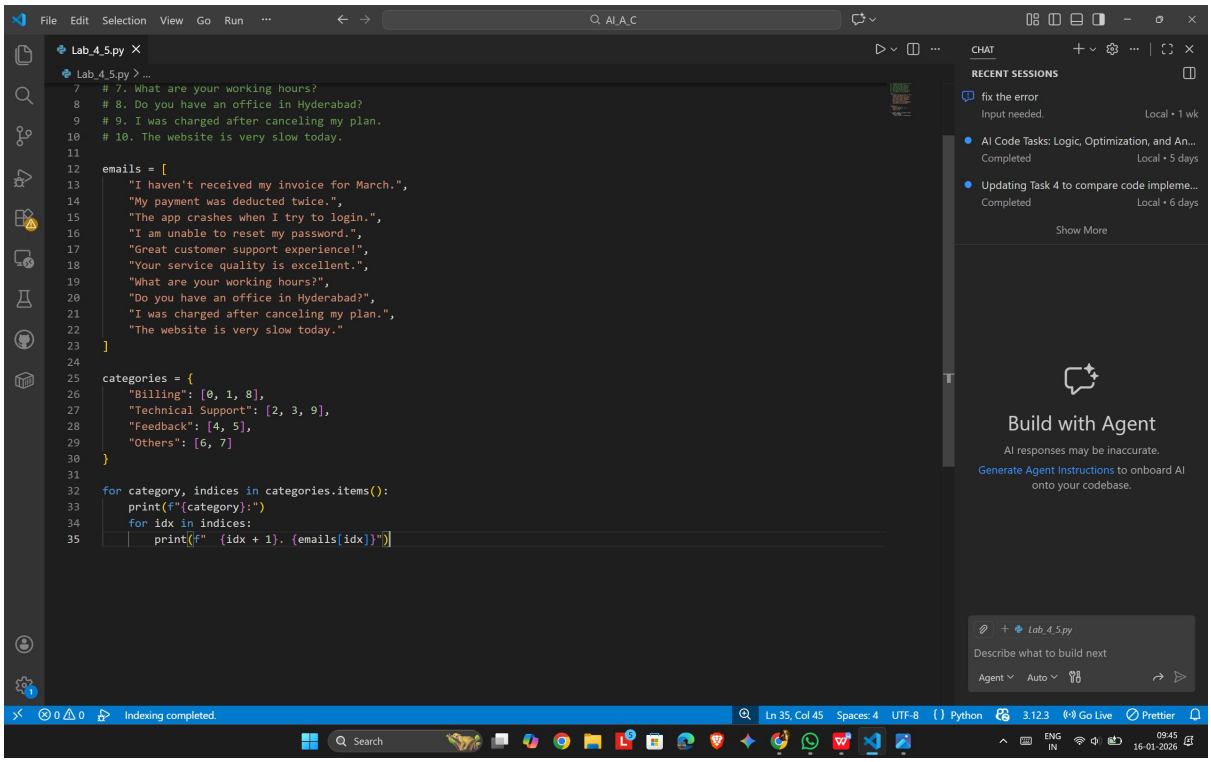
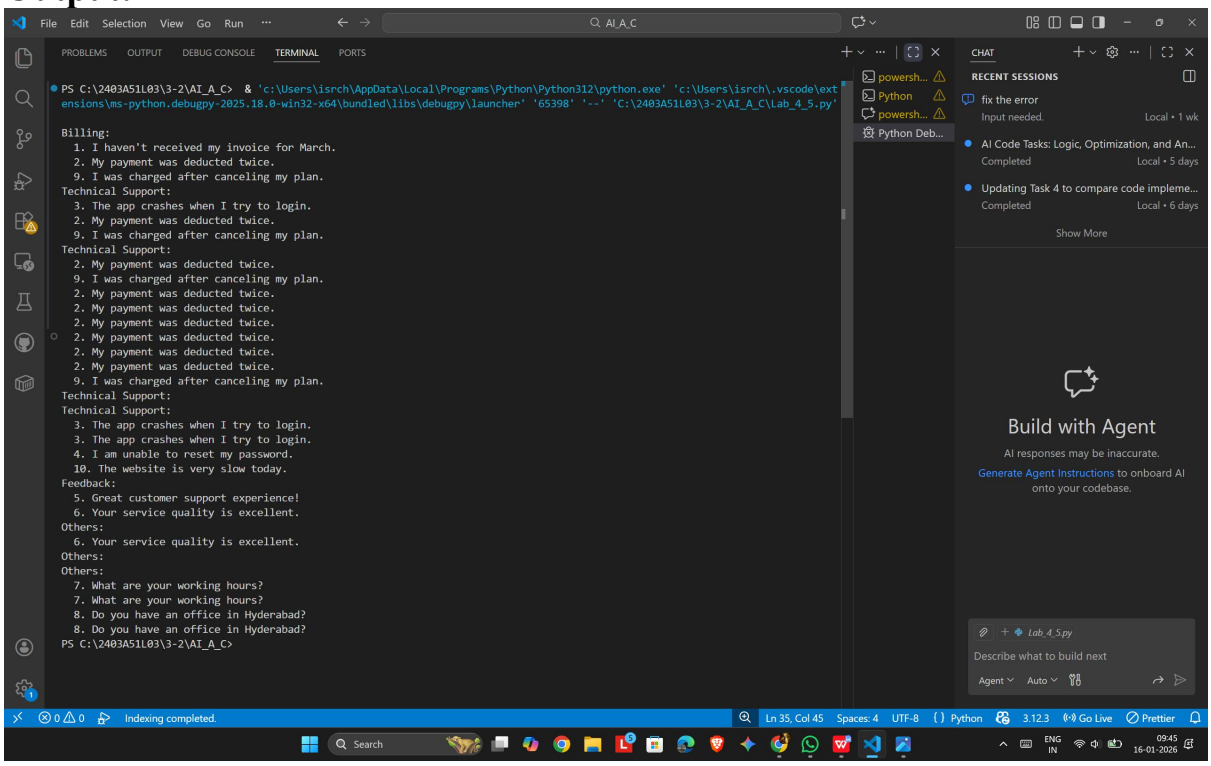
Code:



Output:



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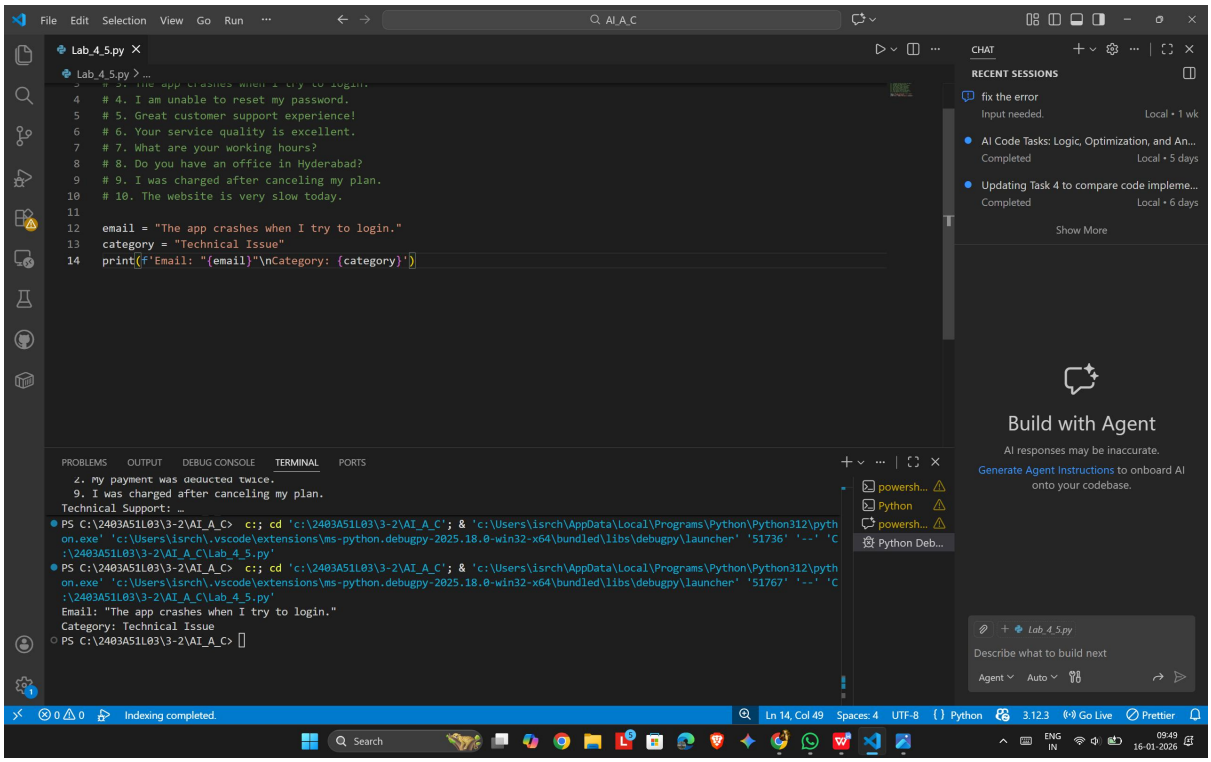
TASK - C:

Prompt:

Example:
Email: "My payment was deducted twice."
Category: Billing

Now classify this email:
Email: "The app crashes when I try to login."
And print it

Code:



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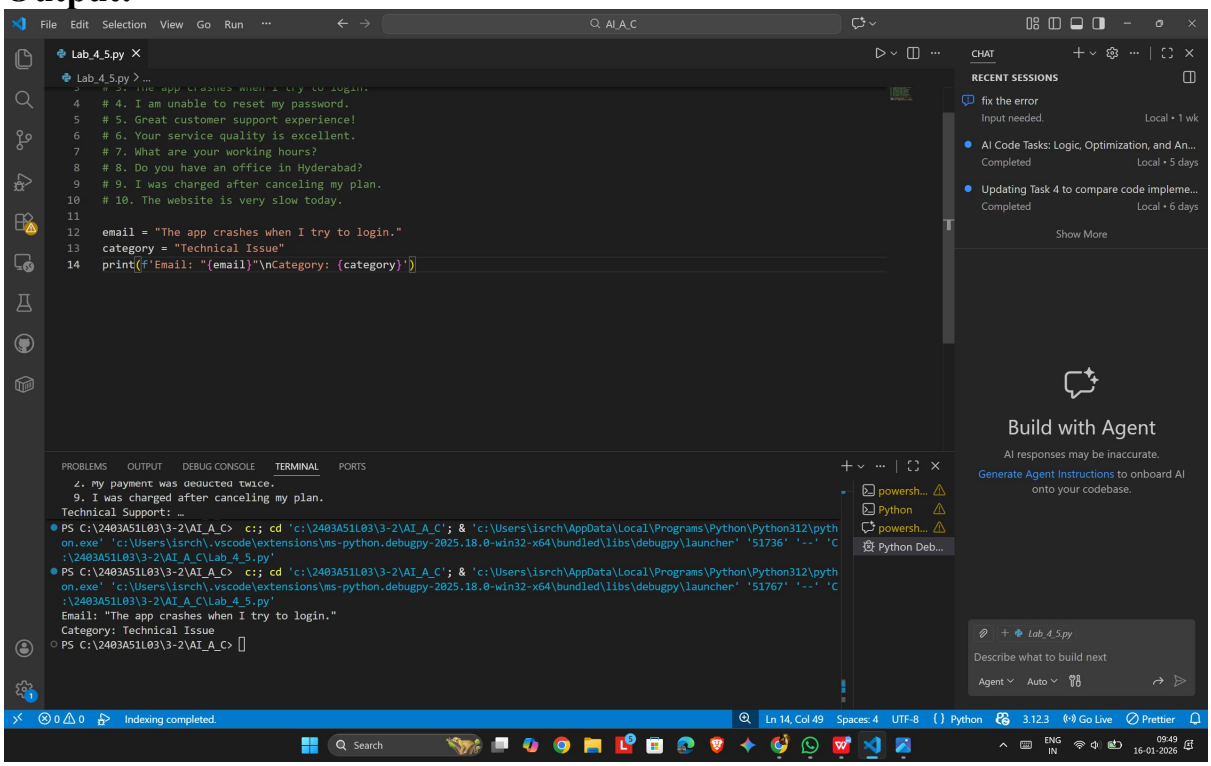
Output:



TASK - D:

Prompt:
Example 1:
Email: "My payment was deducted twice."
Category: Billing

Example 2:
Email: "I am unable to reset my password."
Category: Technical Support

Example 3:
Email: "Great customer support experience!"
Category: Feedback

Now classify:
Email: "I was charged after canceling my plan."

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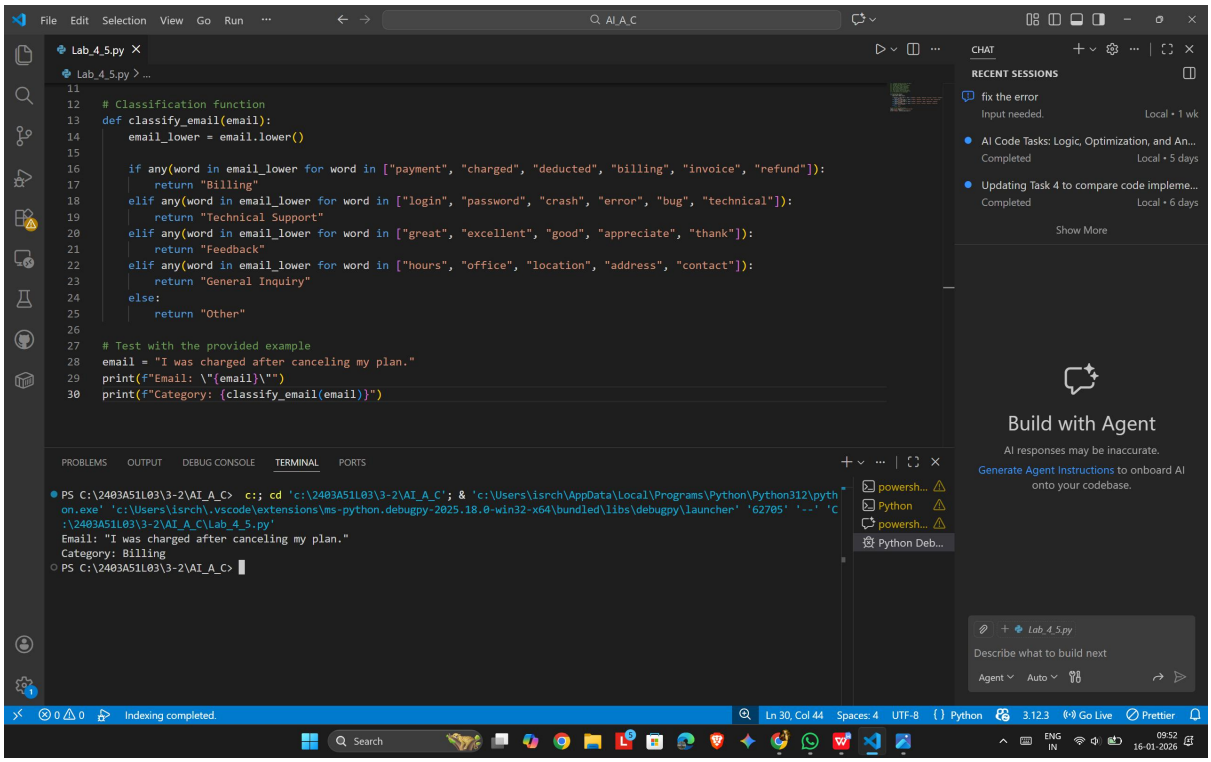
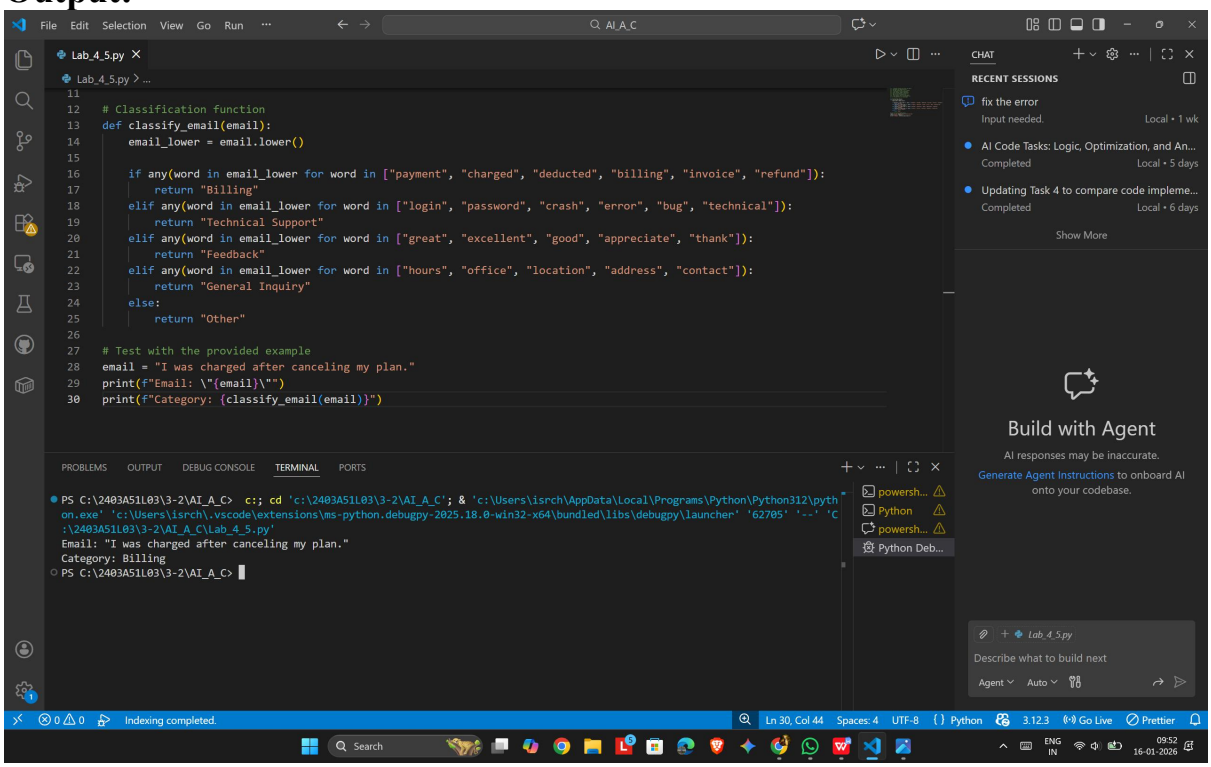
Code:



Output:



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2.

TASK - A:

 # Categories

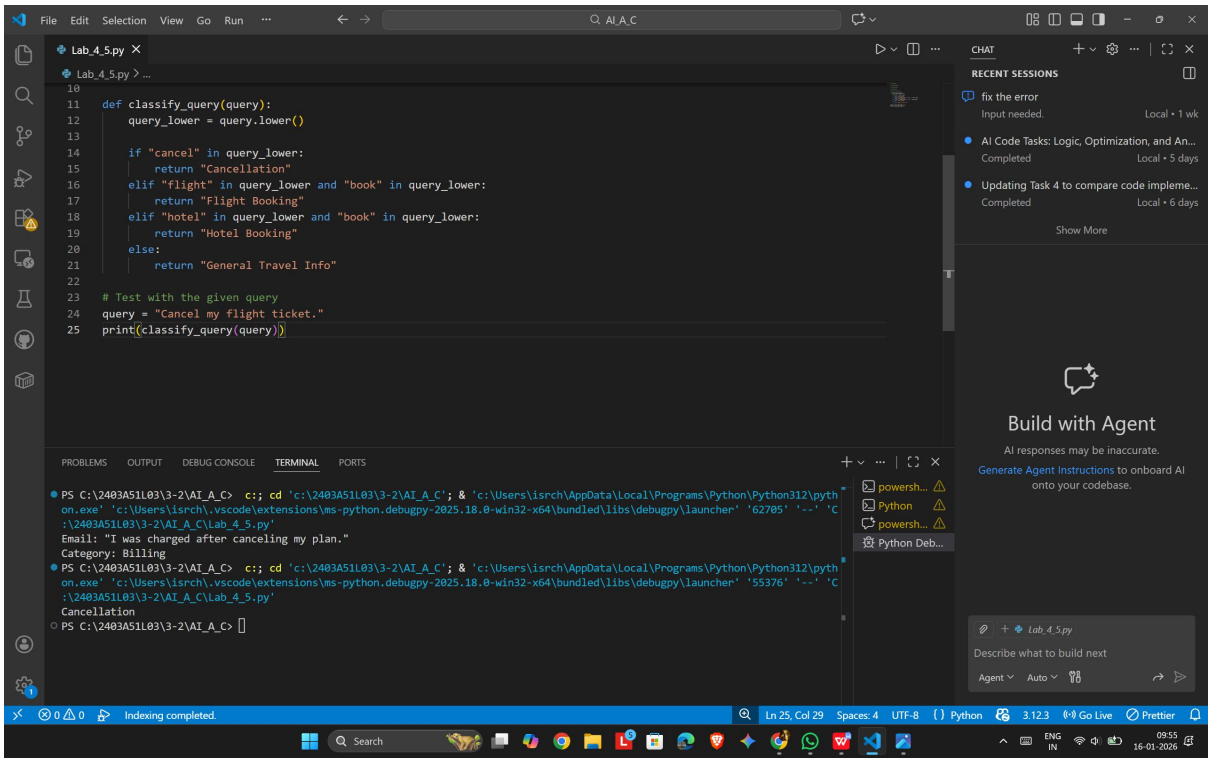
Flight Booking
Hotel Booking
Cancellation
General Travel Info

TASK - B:

Prompt:
Classify the travel query into Flight Booking, Hotel Booking, Cancellation, or General Travel Info.

Query: "Cancel my flight ticket."

Code:



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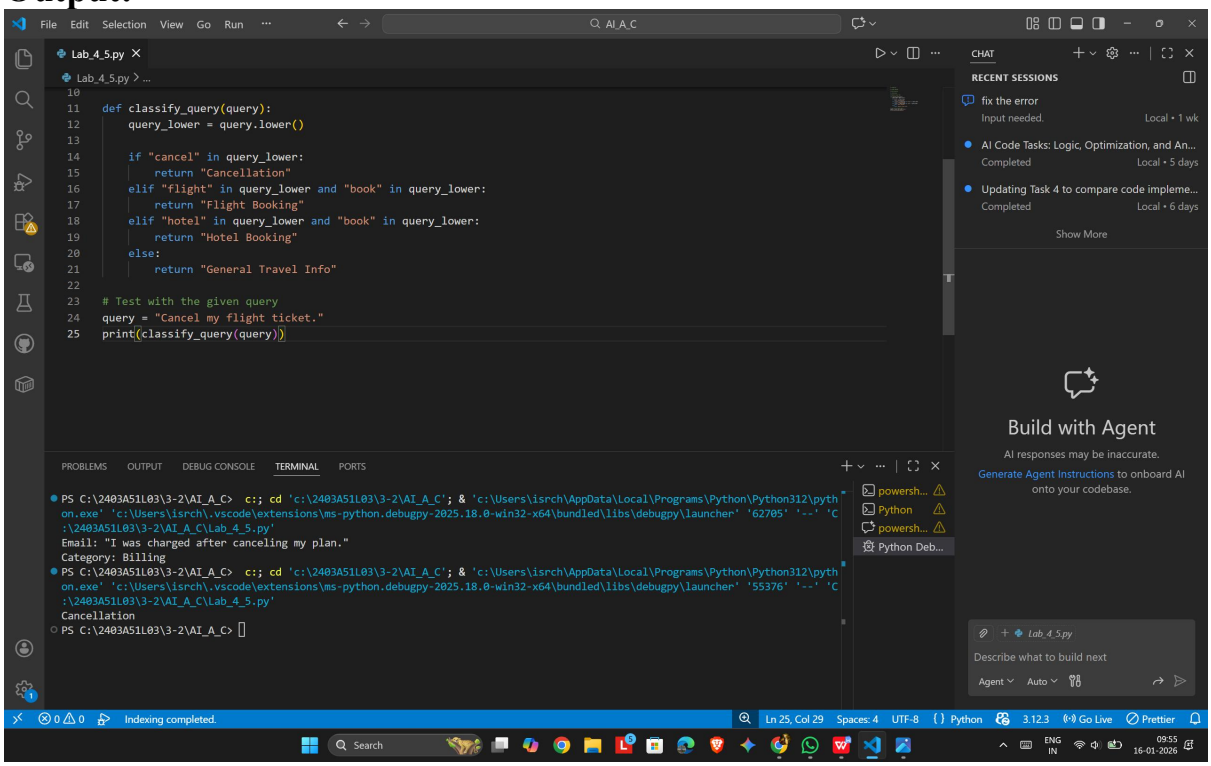
Output:



TASK - C:

Prompt:
Example:
Query: "Book a flight from Delhi to Mumbai"
Category: Flight Booking

Now classify:
Query: "Need a hotel in Goa."
And print it

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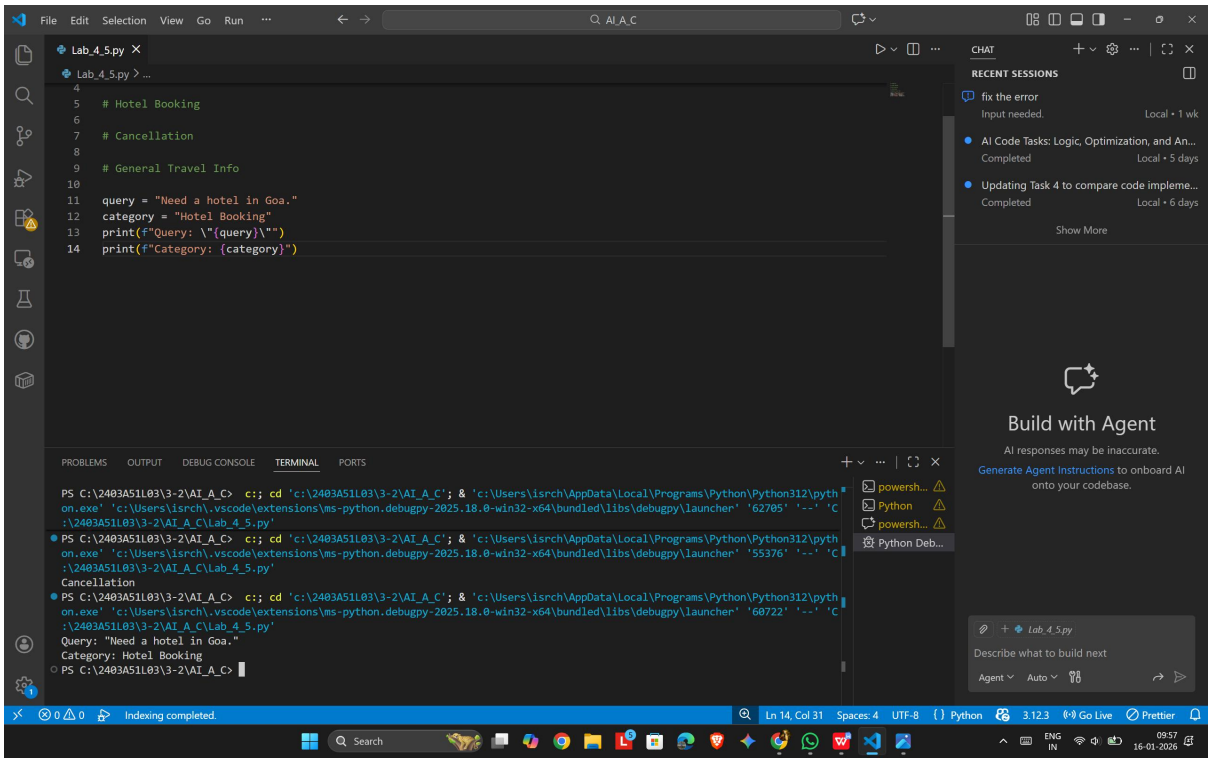
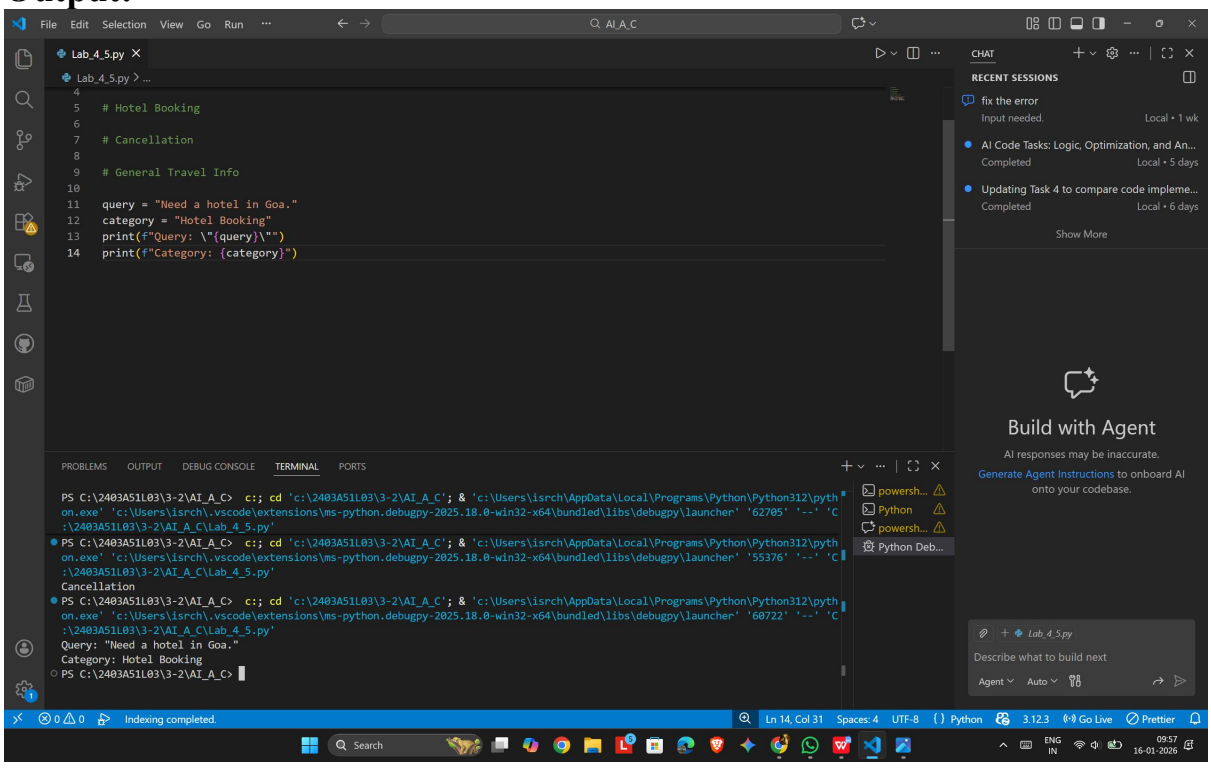
Code:



Output:



TASK - D:

Prompt:

Query: "Book a flight from Delhi to Mumbai" → Flight Booking
Query: "Need a hotel in Goa" → Hotel Booking
Query: "Cancel my booking" → Cancellation

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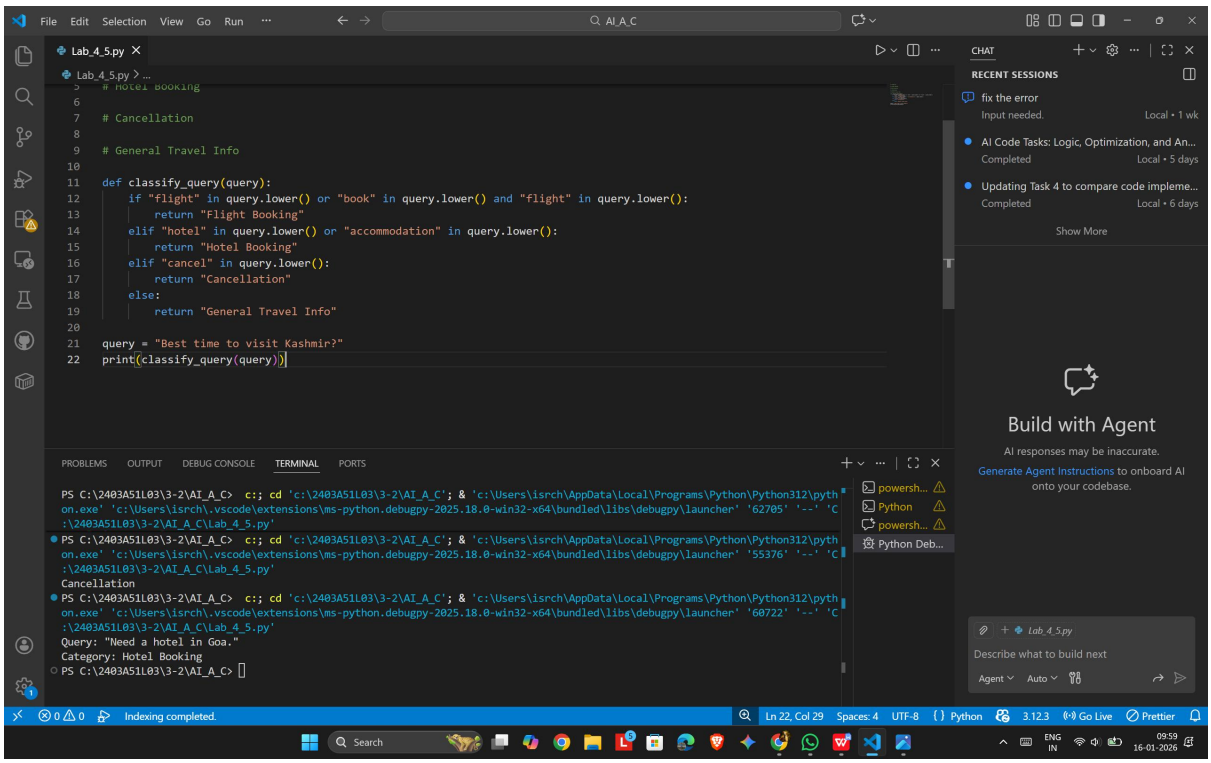
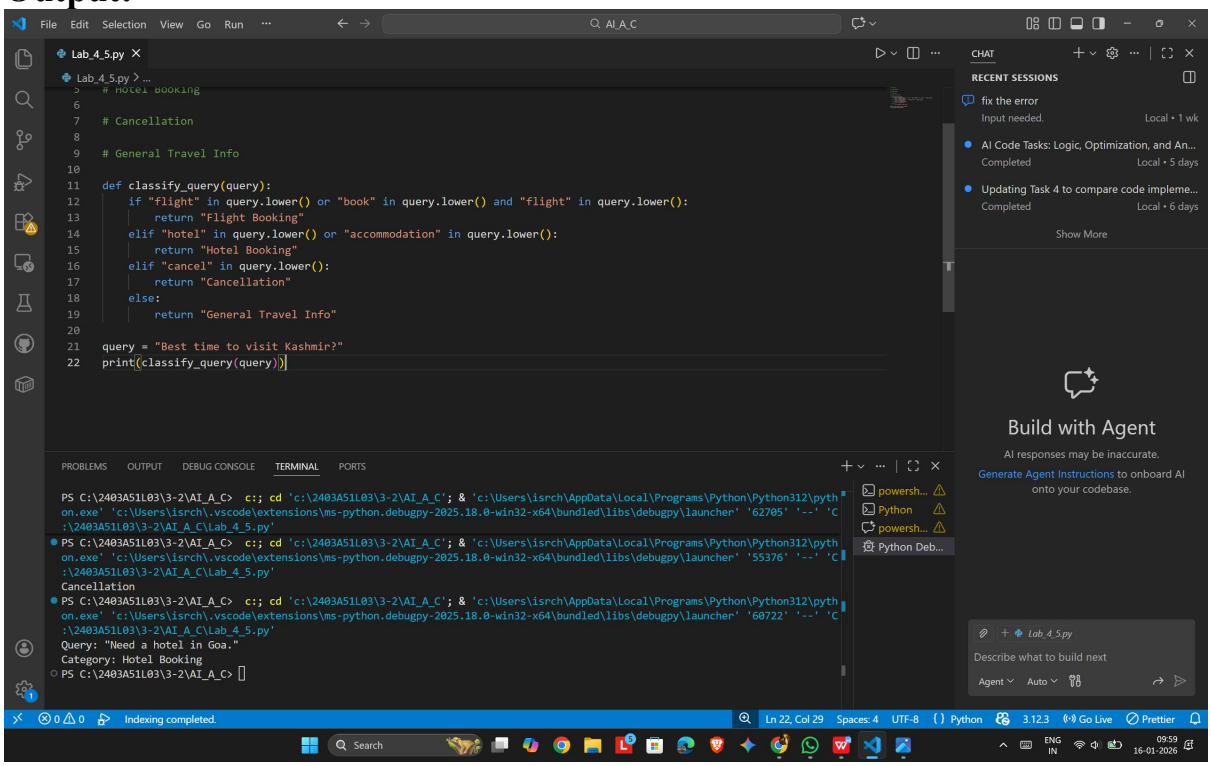
Now classify:
Query: "Best time to visit Kashmir?"
And print

Code:



Output:



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3.

TASK - A:

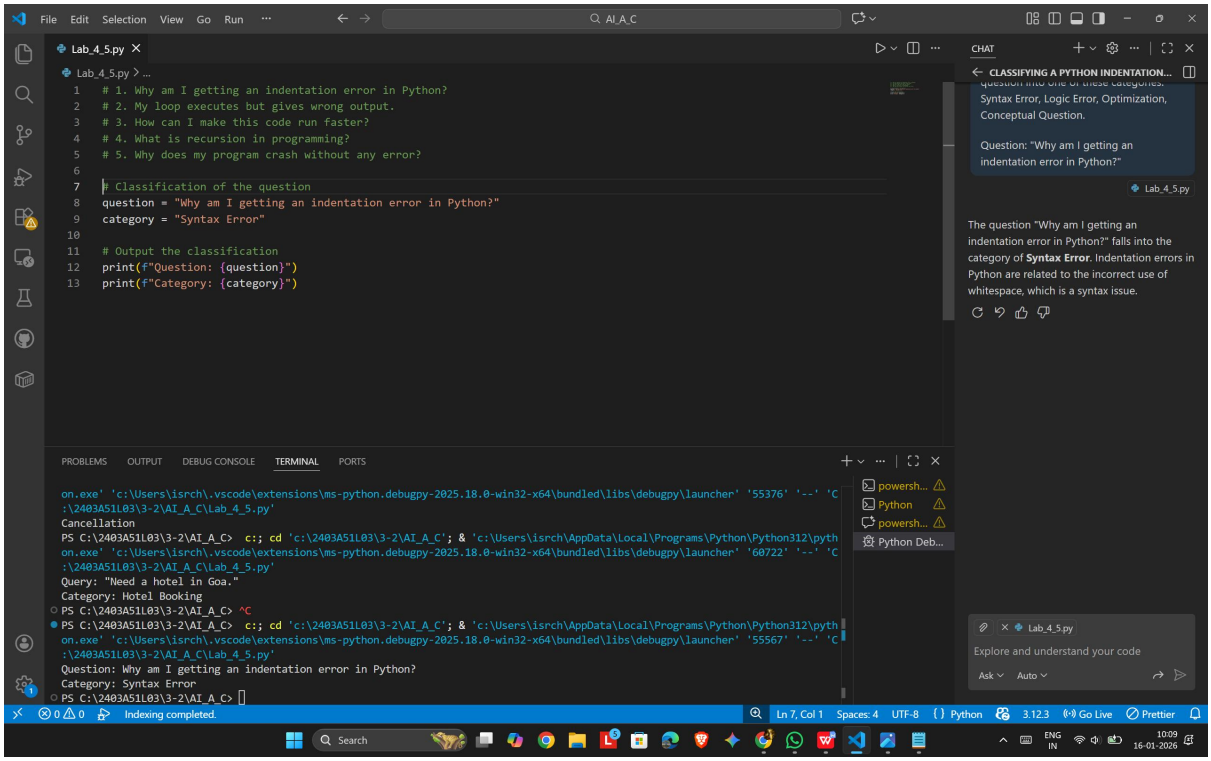
1. Why am I getting an indentation error in Python?
2. My loop executes but gives wrong output.
3. How can I make this code run faster?
4. What is recursion in programming?
5. Why does my program crash without any error?

TASK - B:

Prompt:
Classify the following programming question into one of these categories: Syntax Error, Logic Error, Optimization, Conceptual Question.

Question: "Why am I getting an indentation error in Python?"

Code:



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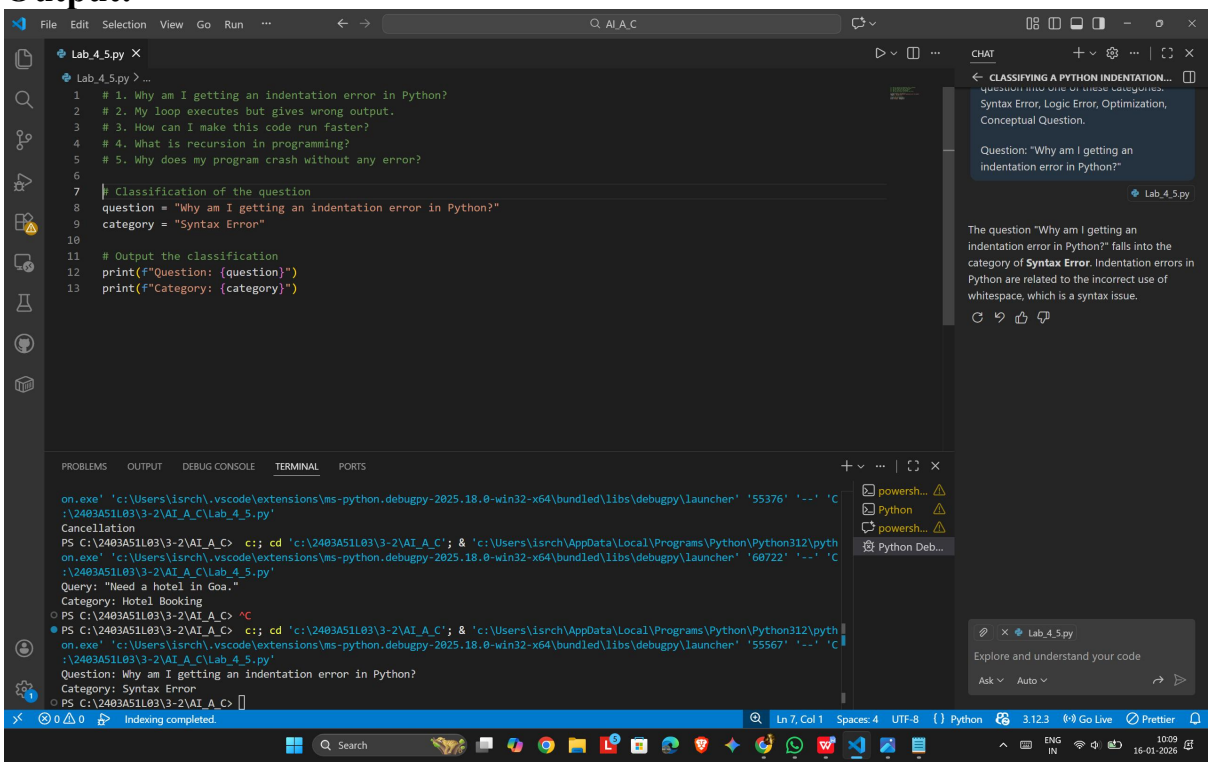
Output:



TASK - C:

Prompt:
Example:
Question: "What is recursion in programming?"
Category: Conceptual Question

Now classify:
Question: "My loop executes but gives wrong output."

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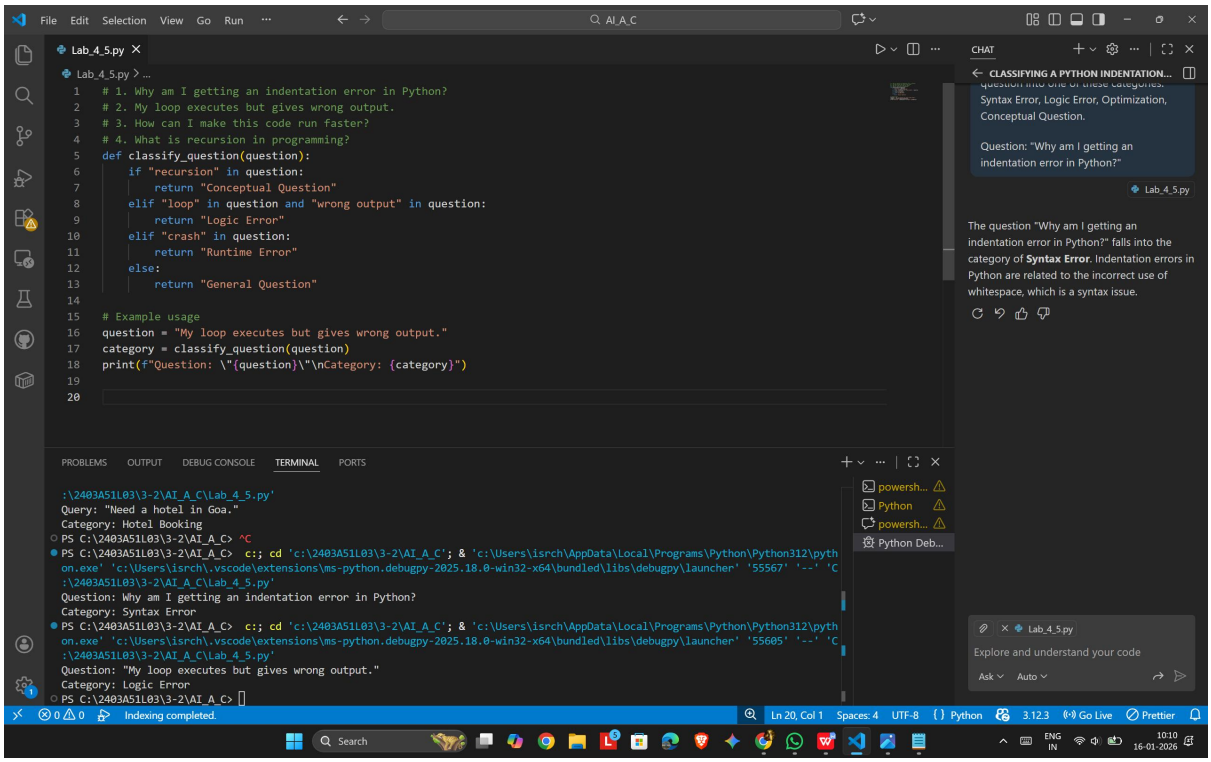
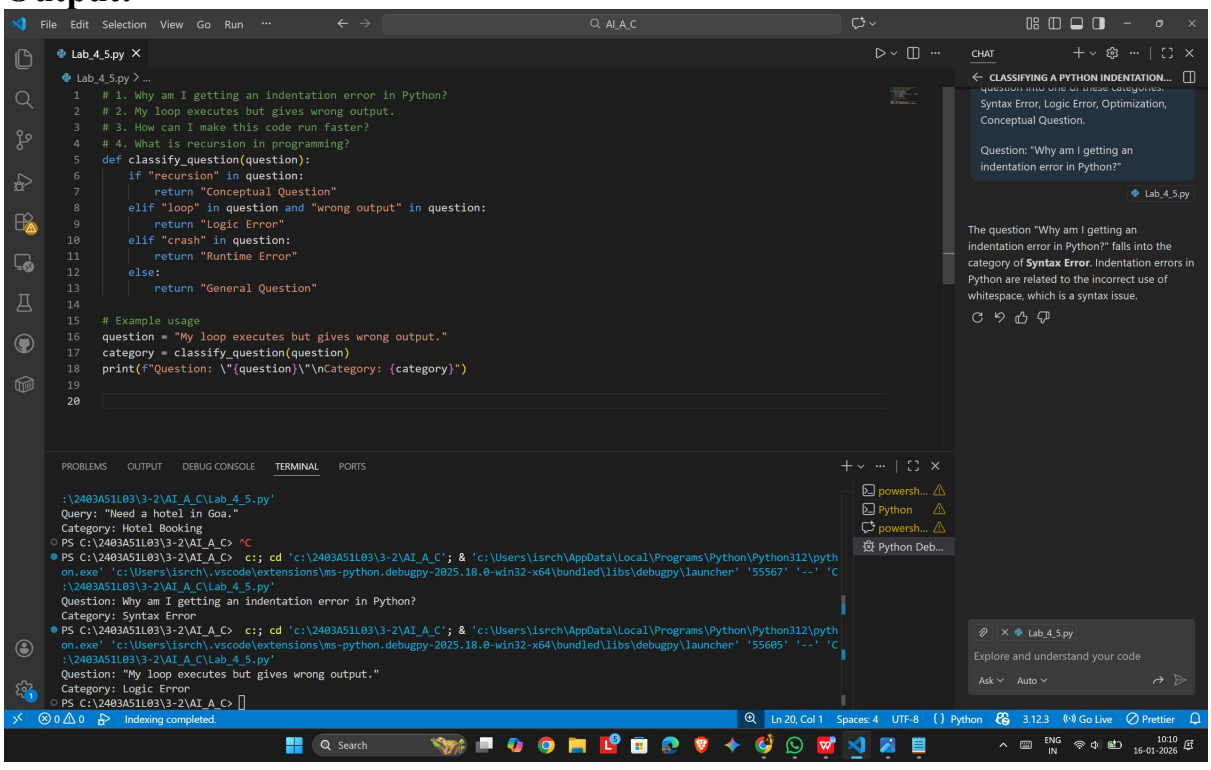
Code:



Output:



TASK - D:

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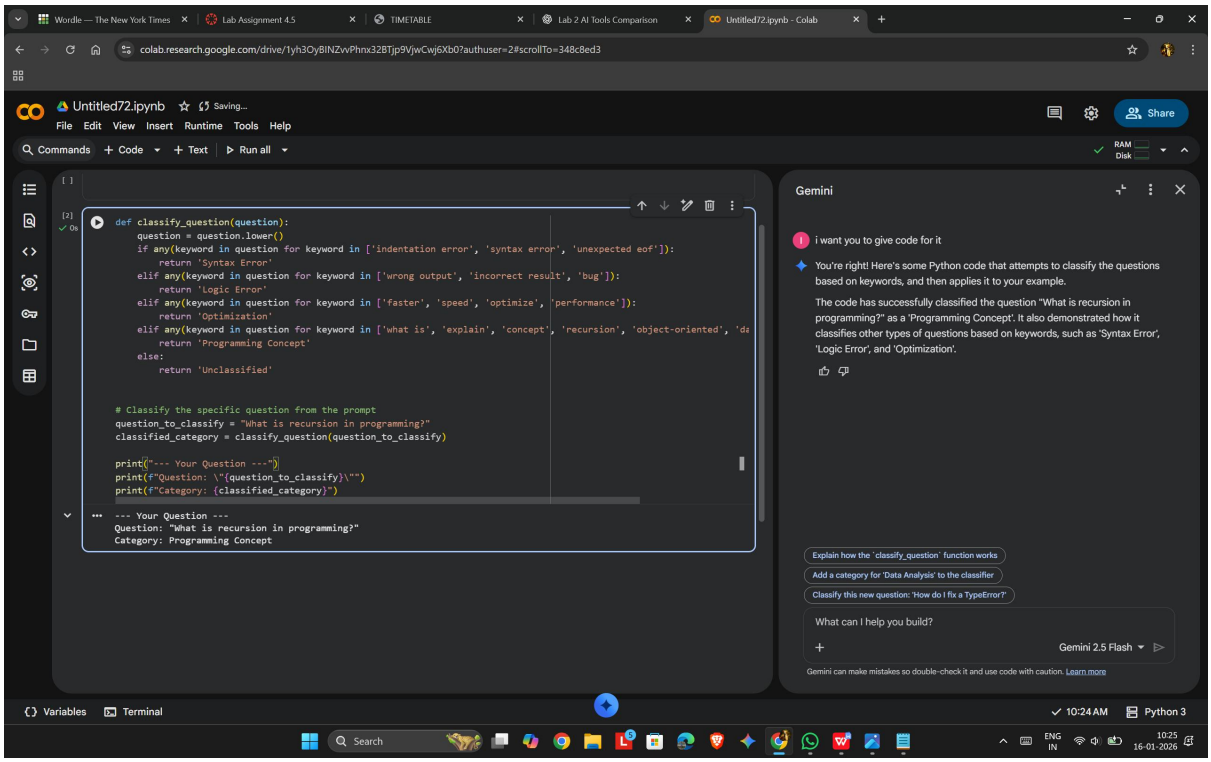
Prompt:
Examples:
Question: "Why am I getting an indentation error in Python?"
Category: Syntax Error

Question: "My loop executes but gives wrong output."
Category: Logic Error

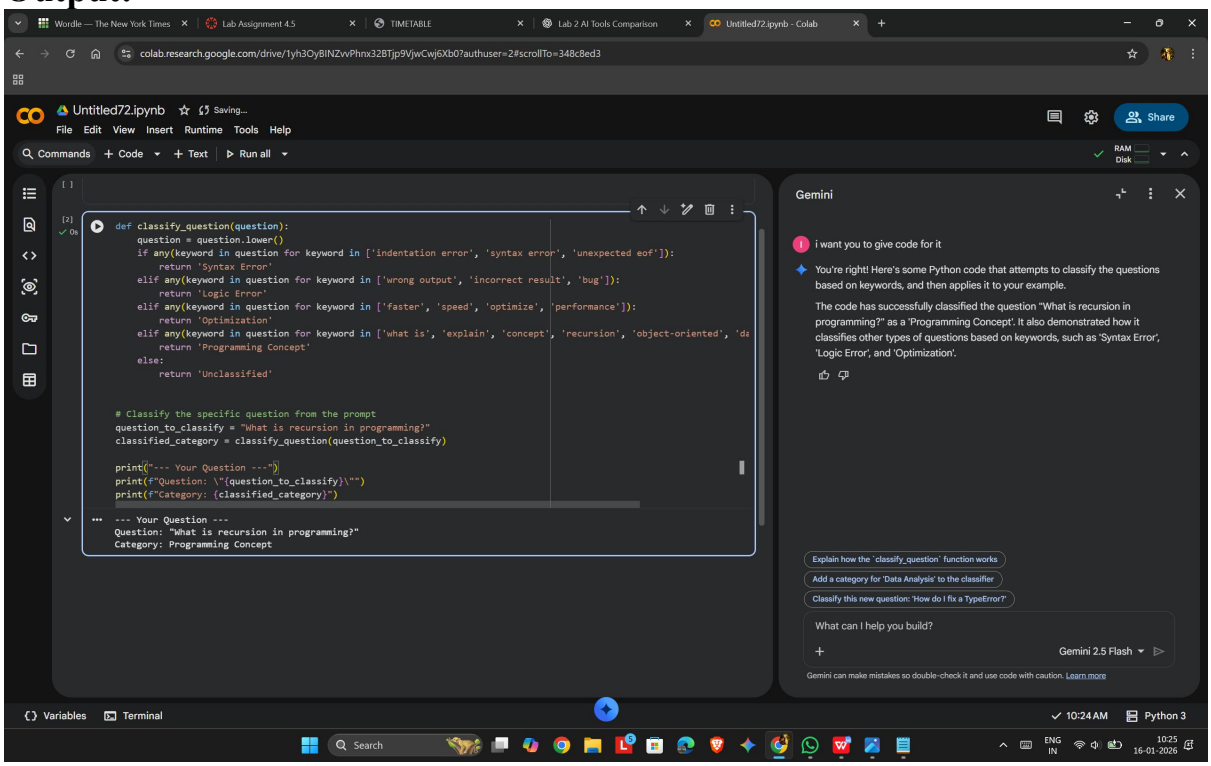
Question: "How can I make this code run faster?"
Category: Optimization

Now classify:
Question: "What is recursion in programming?"

Code:



Output:



4.

TASK - A:

1. Check out our new product launch!
2. The app keeps crashing, very annoying.
3. Amazing service, thank you!
4. When will the next update be released?
5. Your customer care never responds.

TASK - B:

Prompt:
Classify the following social media post into one of these categories: Promotion, Complaint, Appreciation, Inquiry.

Post: "The app keeps crashing, very annoying."

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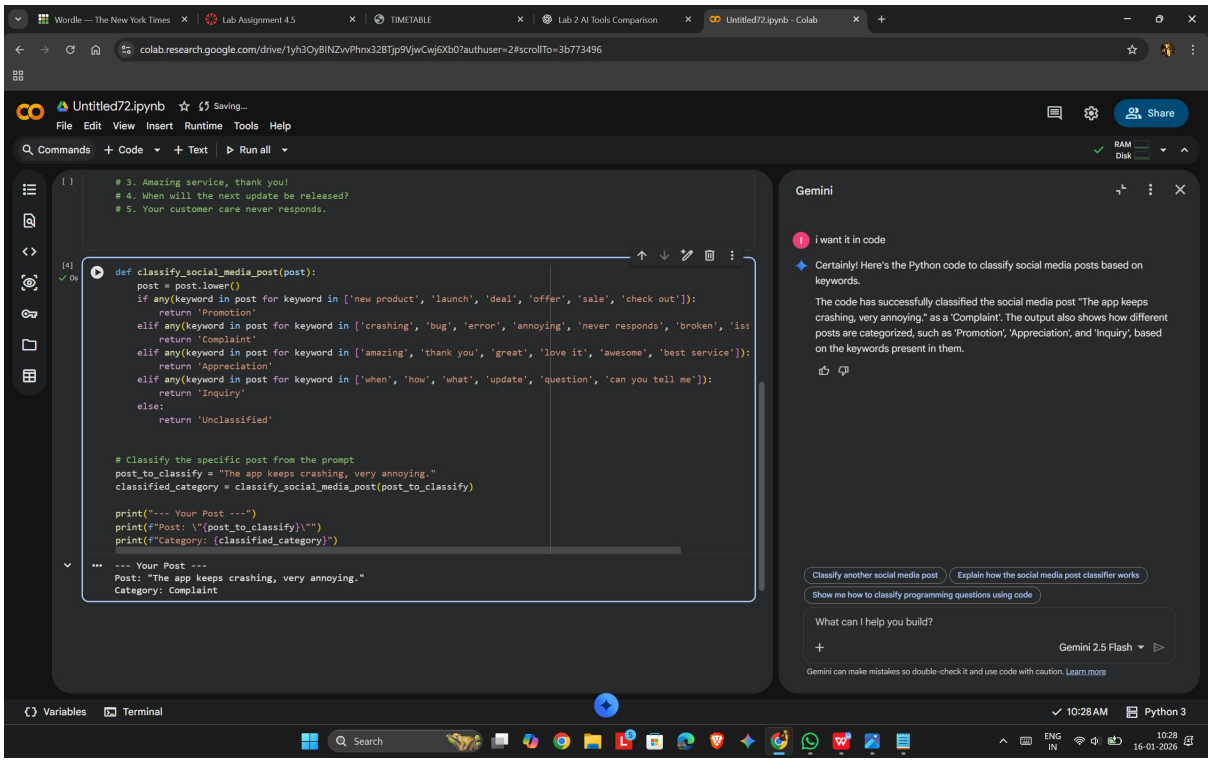
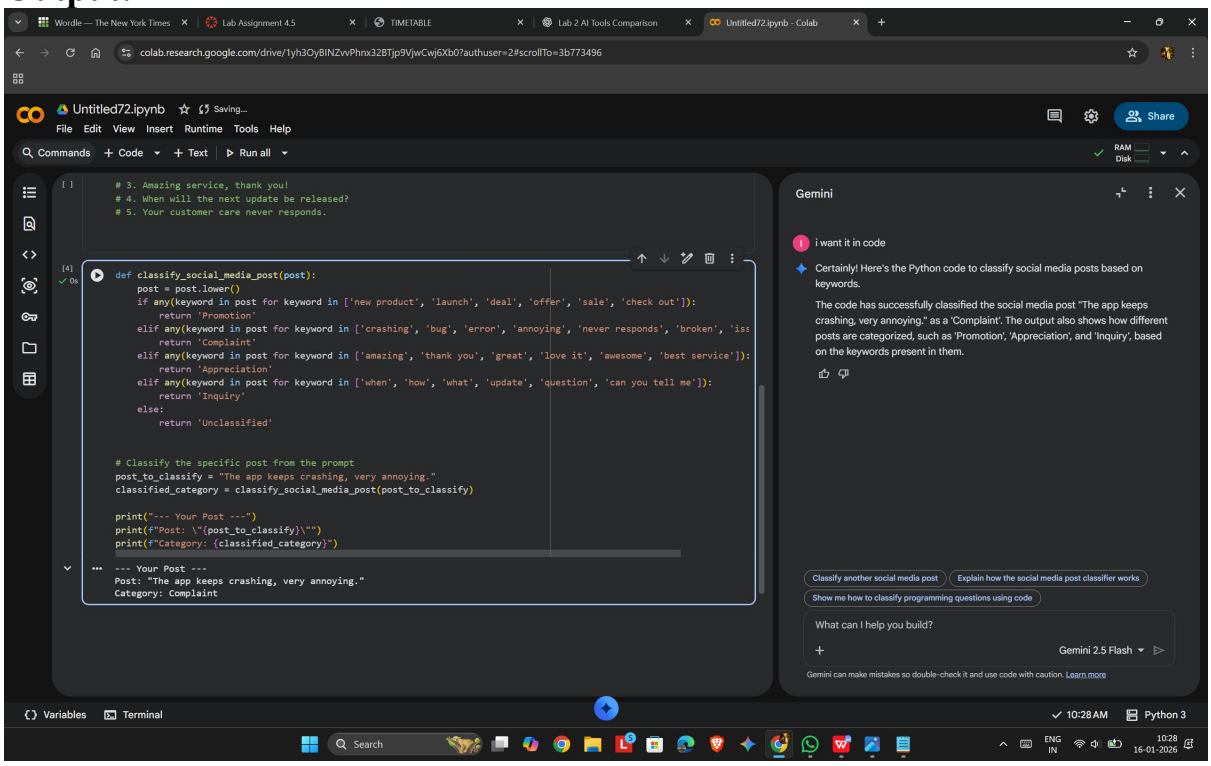
Code:



Output:



TASK - C:

Prompt:

Example:

Post: "Amazing service, thank you!"

Category: Appreciation

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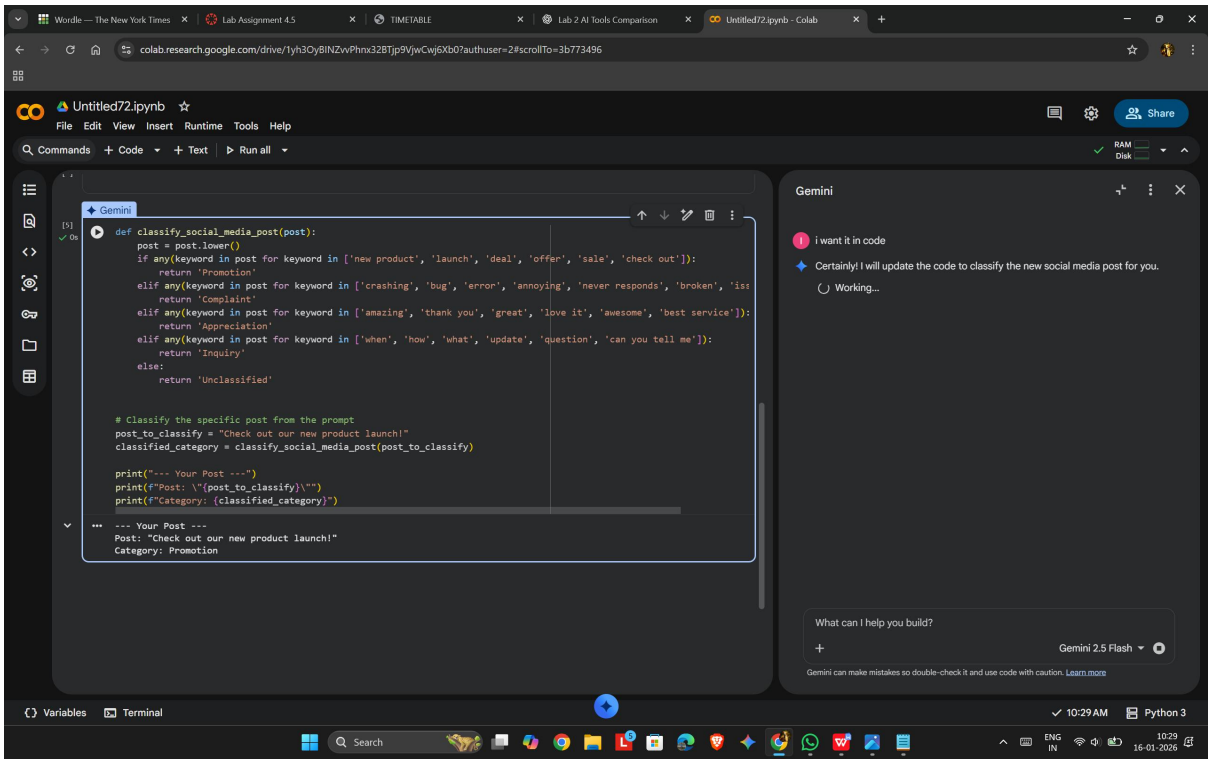
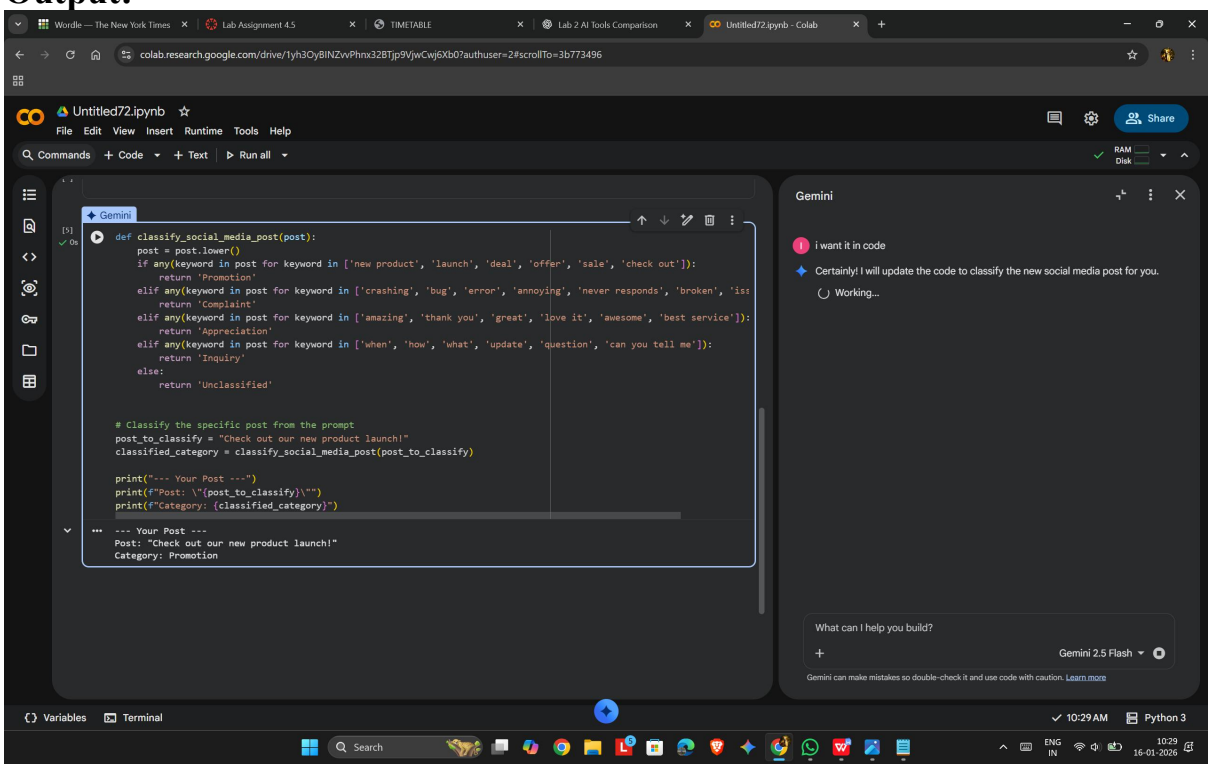
Now classify:
Post: "Check out our new product launch!"

Code:



Output:



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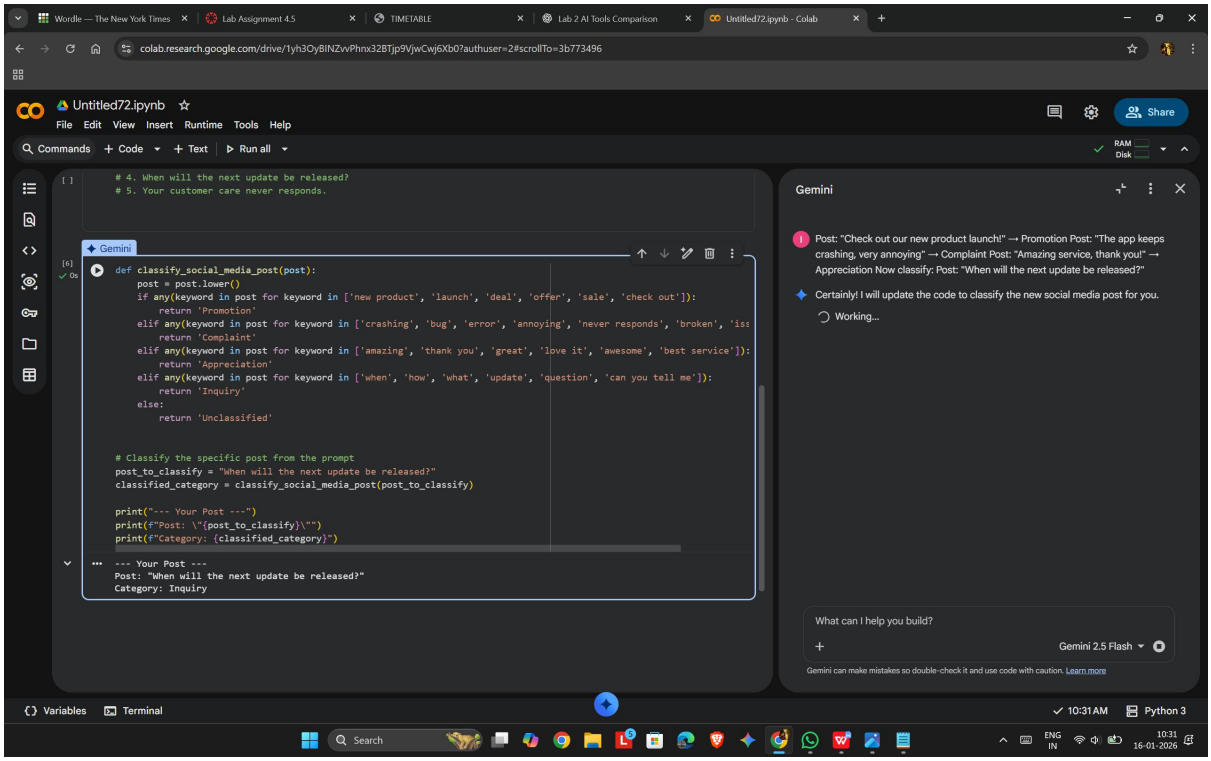
TASK - D:

Prompt:

Post: "Check out our new product launch!" → Promotion
Post: "The app keeps crashing, very annoying" → Complaint
Post: "Amazing service, thank you!" → Appreciation

Now classify:
Post: "When will the next update be released?"

Code:



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Output: