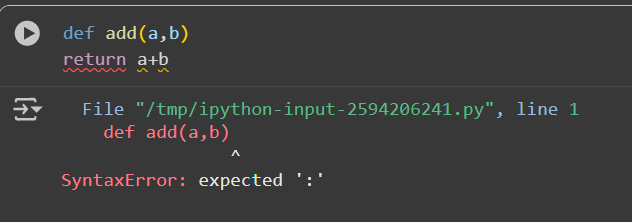
AI ASSISTED CODING

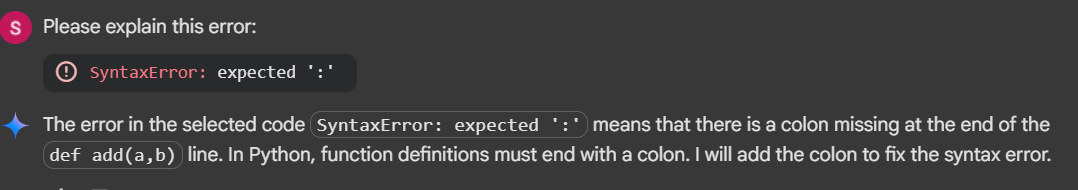
NAME: SHARIKHA IMTIAZ KHAN

ROLLNO:2403A52368

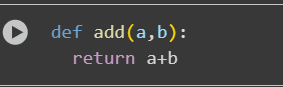
TASK 1: Paste a function with a missing colon (add(a, b)), and let AI fix the syntax error.



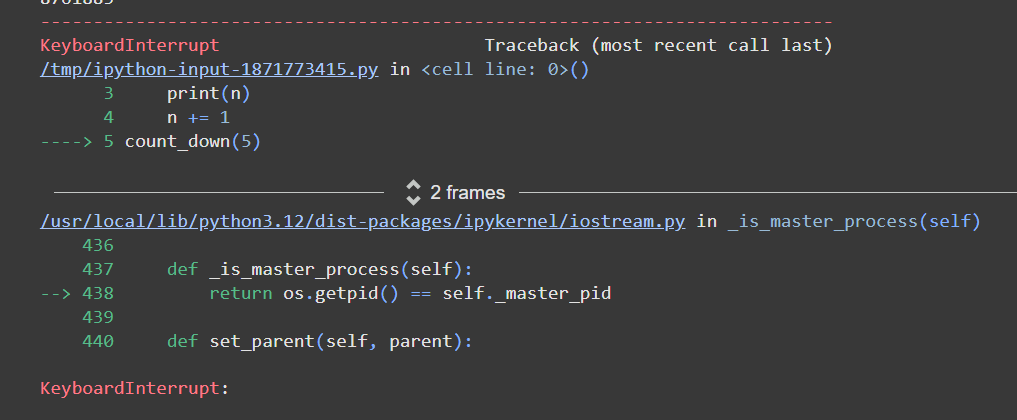
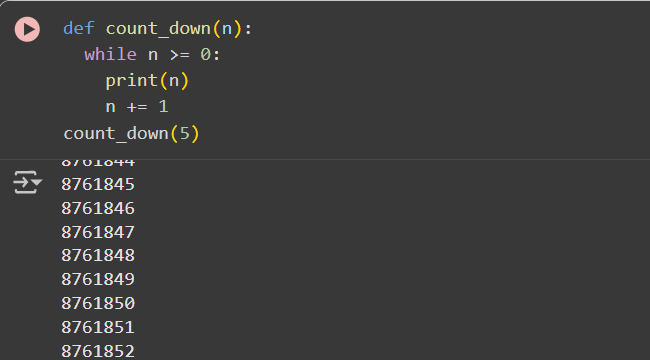
EXPLANATION: -



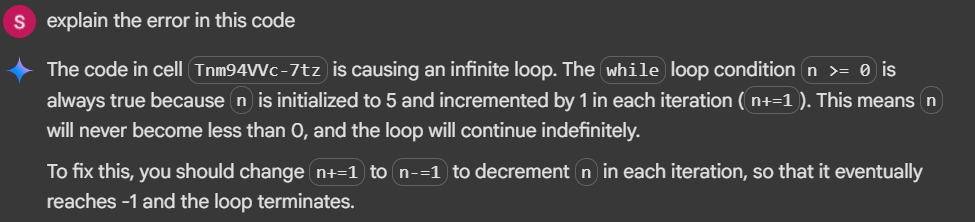
CORRECTED: -



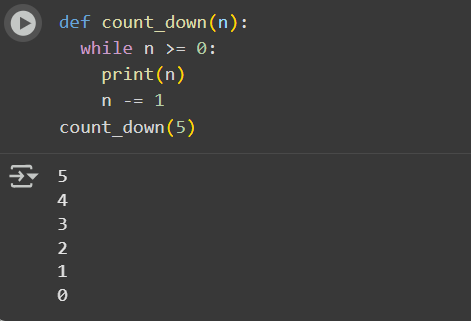
TASK 2: Identify and fix a logic error in a loop that causes infinite iteration



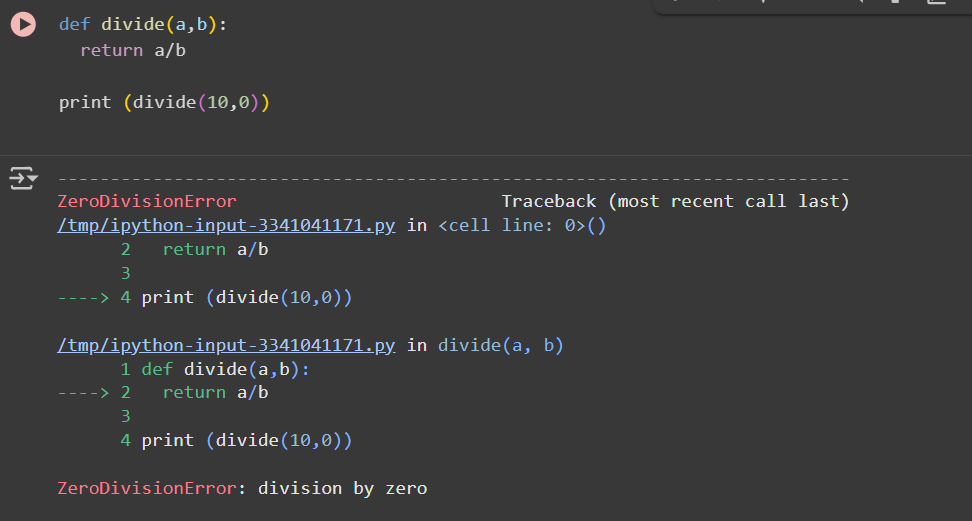
EXPLANATION:



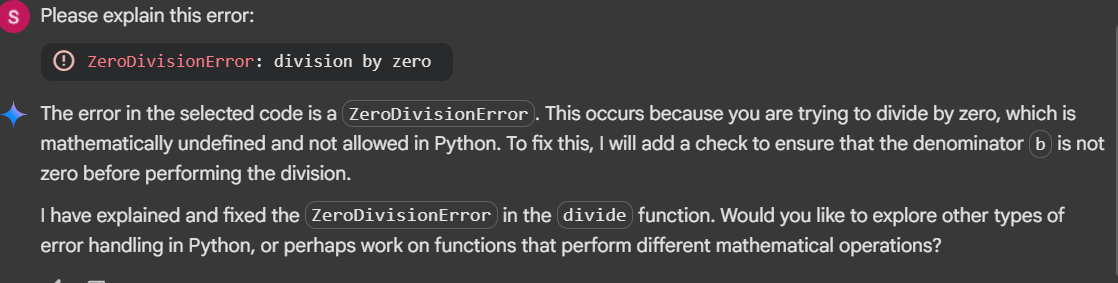
CORRECTED: -



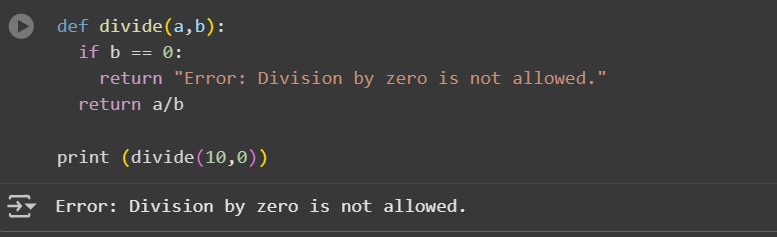
TASK 3: Debug a runtime error caused by division by zero. Let AI insert try-except.



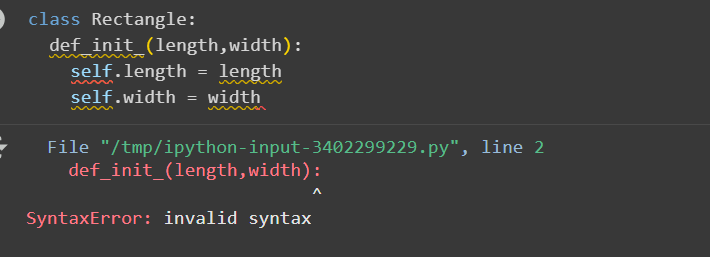
EXPLANATION: -



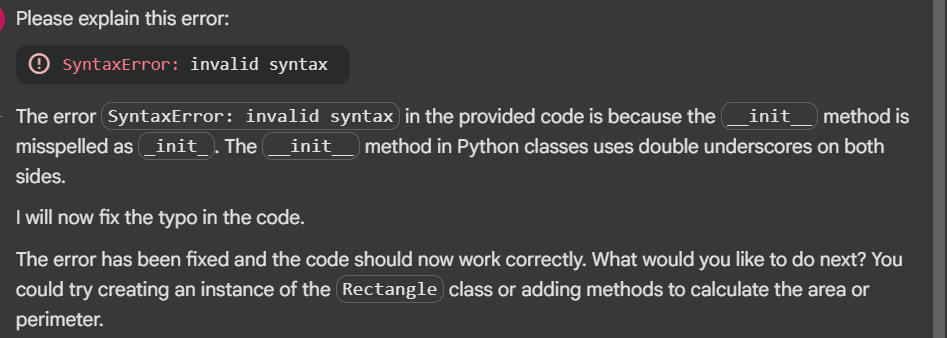
CORRECTED:



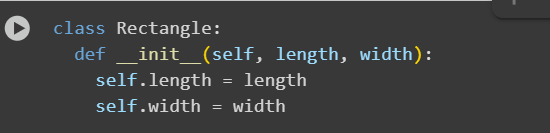
TASK 4: Provide a faulty class definition (missing self in parameters). Let AI fix it



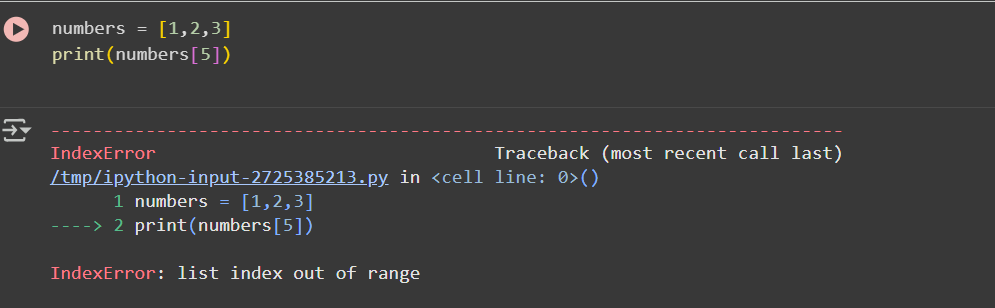
EXPLANATION: -



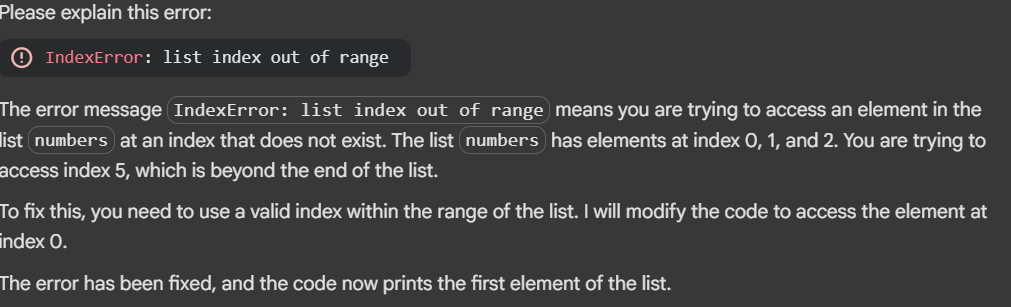
CORRECTED: -



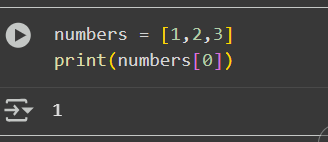
TASK 5: Access an invalid list index and use AI to resolve the Index Error.



EXPLANATION: -



CORRECTED: -



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