A screenshot of a computer program

AI-generated content may be incorrect.

# Error 1 (Logic): Renamed function from calculate\_sum to calculate\_product

#                  to match its purpose and the function call in main().

# Error 2 (Logic): Changed the operator from += to \*= to calculate product instead of sum.

# Error 3 (Readability/Minor): Renamed second parameter for clarity, though not strictly an error.

def calculate\_product(number, current\_product):

    """Calculates the running product."""

    current\_product \*= number # Changed from += to \*=

    return current\_product

def main():

    # Error 4 (Syntax): Added colon after 'try'

    try:

        numbers = [1, 2, 3, 4, 5, 6]

        # Error 5 (Syntax): Added '=' for variable assignment.

        product = 1

        for number in numbers:

            # Error 6 (Runtime): Changed function call to match the corrected function name.

            product = calculate\_product(number, product)

        print(f'The product of the numbers is: {product}')

        # Error 7 (Runtime/Logic): Changed index from 6 to 5 (or -1) to access the \*last\* valid item.

        # Lists are 0-indexed, so index 6 is out of bounds for a list of length 6.

        print(f'The last number multiplied was: {numbers[5]}') # Changed index from 6 to 5

    # Error 8 (Syntax): Added colon after 'except IndexError as e'

    except IndexError as e:

        print(f'Run-time error: {e}')

if \_\_name\_\_ == '\_\_main\_\_':

    main()

# Add the requested completion statement

print("\nCompleted by, Javier Silva")