SR UNIVERSITY

Assignment 7

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Batch NO : 04

Assignment 7

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

A close-up of a math problem

AI-generated content may be incorrect.

Prompt: correct the following code and input two numbers to find the sum

A screenshot of a computer

AI-generated content may be incorrect.A screenshot of a computer

AI-generated content may be incorrect.

Output : Corrected function with syntax fix

A close up of a text

AI-generated content may be incorrect.

Task Description#2 (Loops)  
• Identify and fix a logic error in a loop that causes infinite iteration

A computer screen shot of a number

AI-generated content may be incorrect.

A white rectangular object with a black border

AI-generated content may be incorrect.Prompt :

A screenshot of a computer program

AI-generated content may be incorrect.

Output : AI fixes increment/decrement error

Explanation :

A screenshot of a computer

AI-generated content may be incorrect.

TASK 3:

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

A screenshot of a computer code

AI-generated content may be incorrect.

Prompt: correct the error and give the perfect input in the following code

A computer code with text

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

Output : Corrected function with safe error handling

Explanation :

A close up of text

AI-generated content may be incorrect.

TASK 4 :

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

A screenshot of a computer code

AI-generated content may be incorrect.

Prompt : correct the following code and give the suitable inputs

Code :

A screenshot of a computer code

AI-generated content may be incorrect. A white rectangular object with a black border

AI-generated content may be incorrect.

Output : Correct \_\_init\_\_() method and explanation

Explanation :

A screenshot of a computer

AI-generated content may be incorrect.

TASK 5 :

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

A white background with black text

AI-generated content may be incorrect.

Prompt: fix the following code and explain it

Code : A screenshot of a computer

AI-generated content may be incorrect.

A white rectangular object with a black border

AI-generated content may be incorrect.

Output : AI suggests checking length or using safe access logic

Explanation :

A screenshot of a computer error message

AI-generated content may be incorrect.