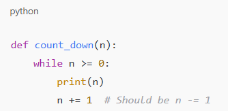
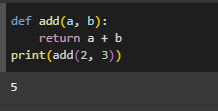
**AI ASSISSTED CODING:7**

**TASK-1:**

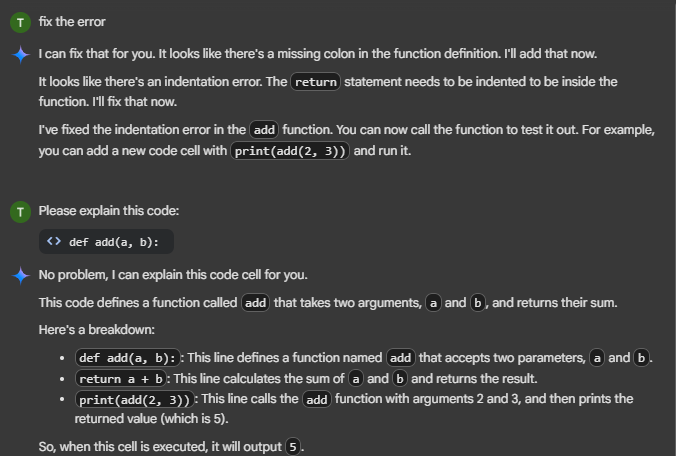
Paste a function with a missing colon (add(a, b)), and let AI fix the syntax error.



=>

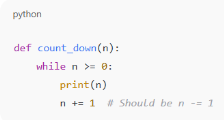


EXPLANATION:

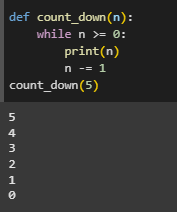


**TASK-2:**

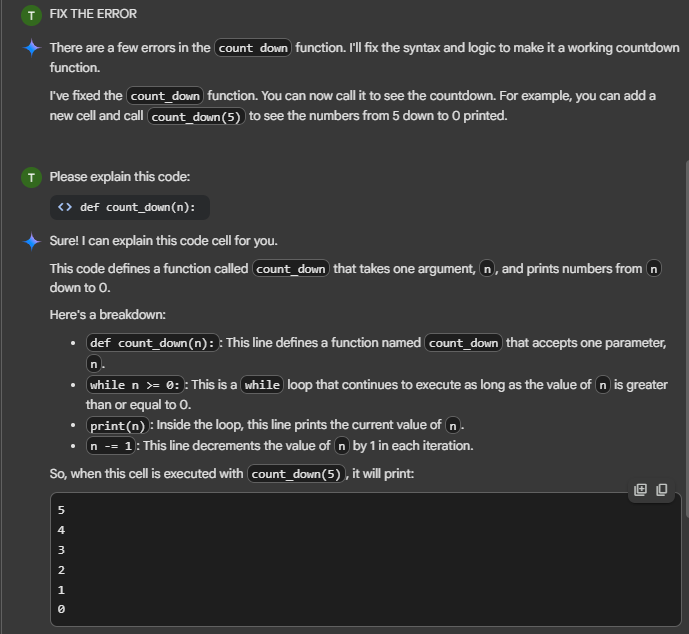
Identify and fix a logic error in a loop that causes infinite iteration

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**=>**

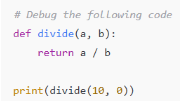
****

EXPLANATION:

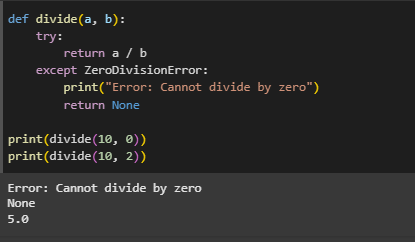


**TASK-3:**

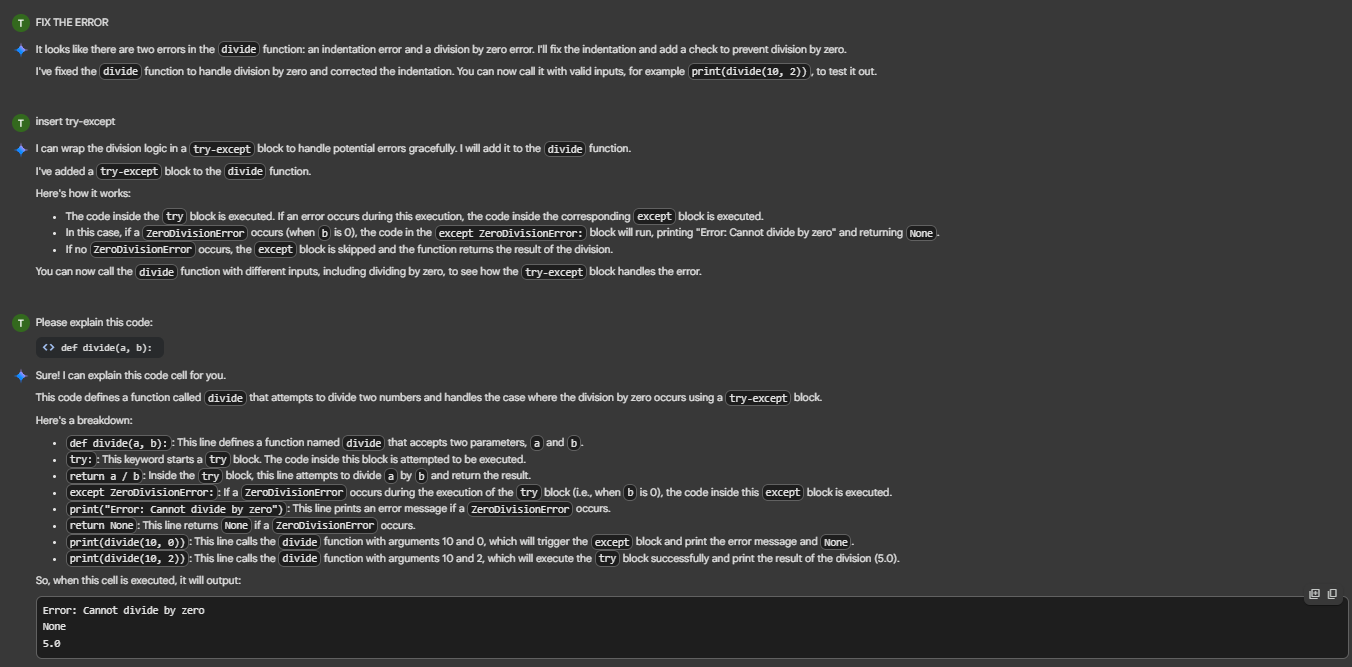
Debug a runtime error caused by division by zero. Let AI insert try-except

****

**=>**

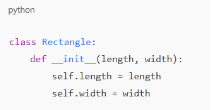
****

EXPLANATION:

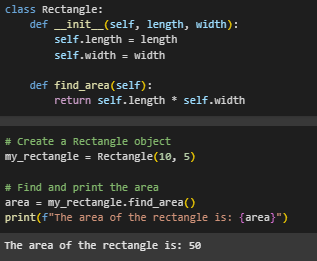


**TASK-4:**

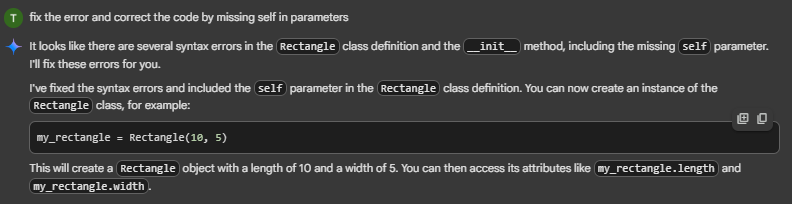
Provide a faulty class definition (missing self in parameters). Let AI fix it

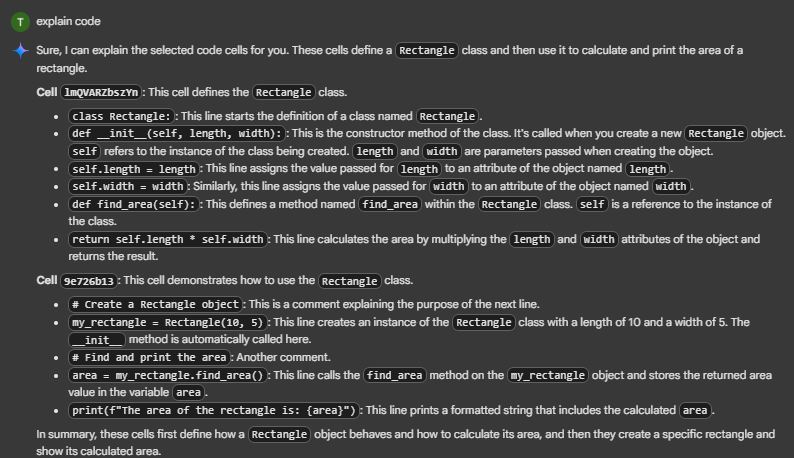
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**=>**

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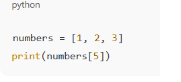
EXPLANATION:

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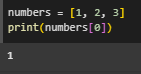
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**TASK-5:**

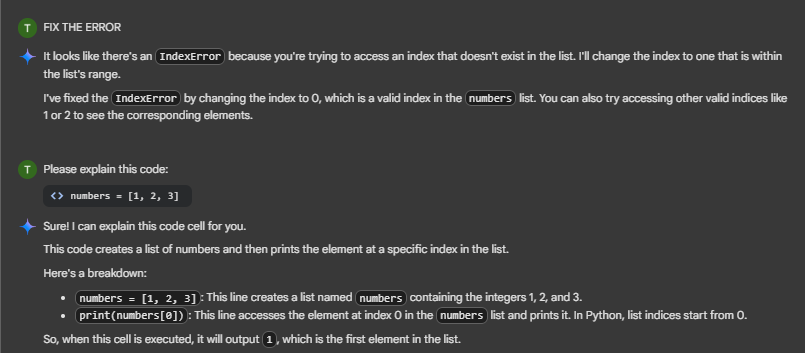
Access an invalid list index and use AI to resolve the Index Error

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**=>**

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EXPLANATION:

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