AI ASSISTED CODING

ASSIGNMENT-10.1

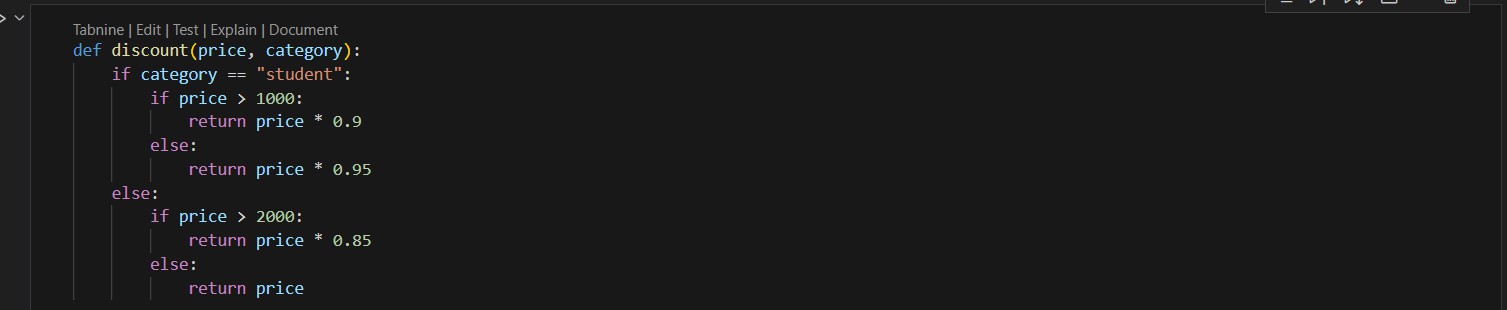
Name:S.Vrindha Reddy

Hall Number:2403A51255

Batch:11

**Task -1:**

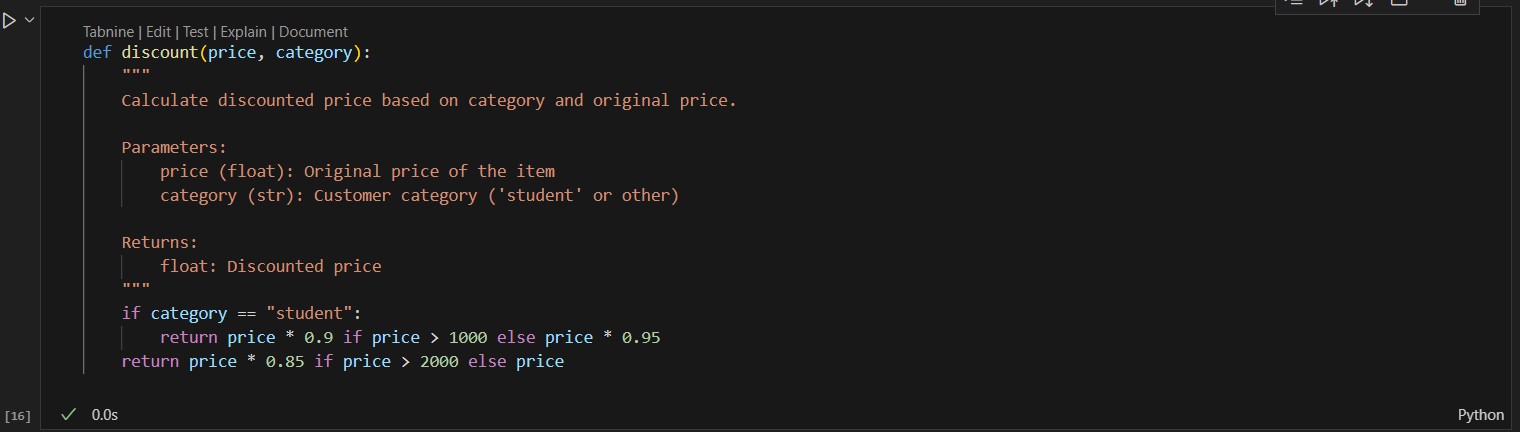
**GIVEN CODE:**



PROMPT:

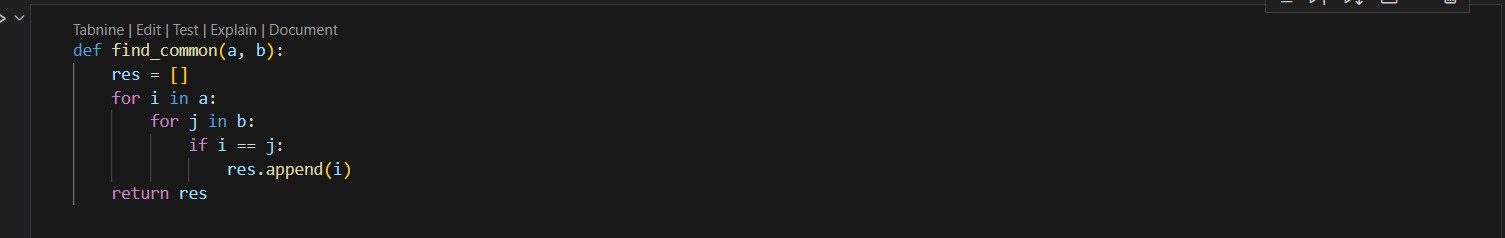
For the above code simplify and refactor for readability.

CODE:



**Task-2:**

**GIVEN CODE:**

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**PROMPT:**

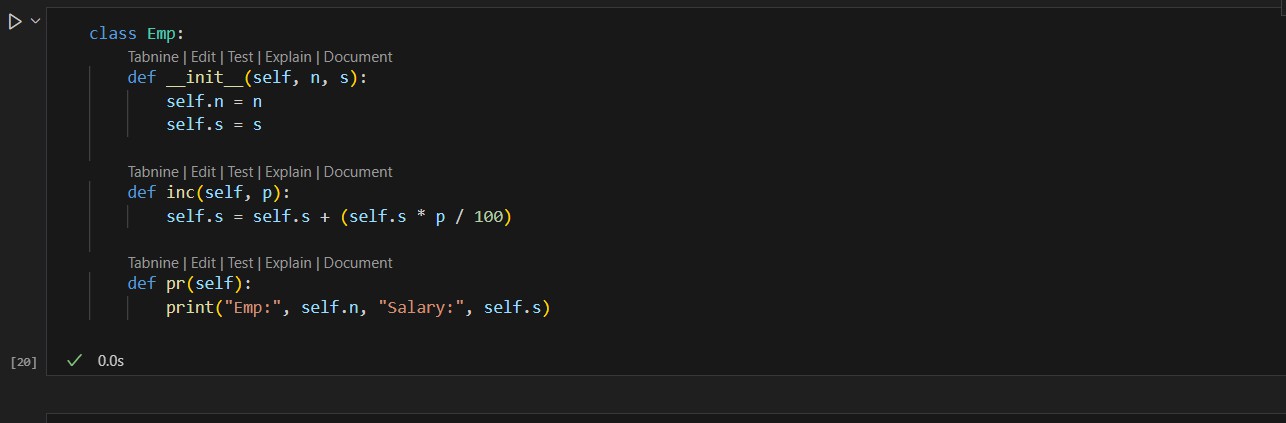
Refactor and optimize the above code.

**AI GENERATED CODE:**

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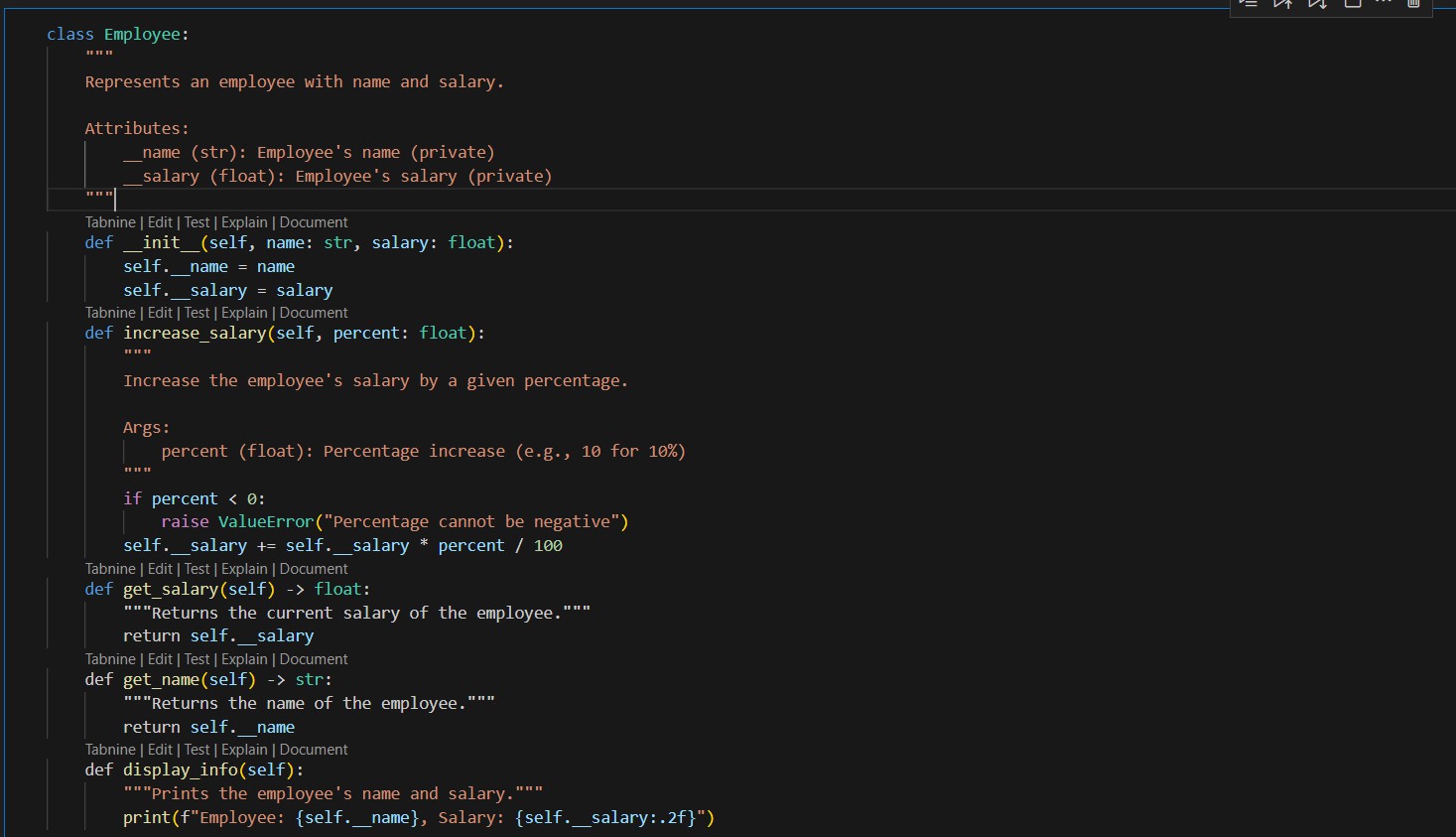
**TASK 3:**

**GIVEN CODE:**



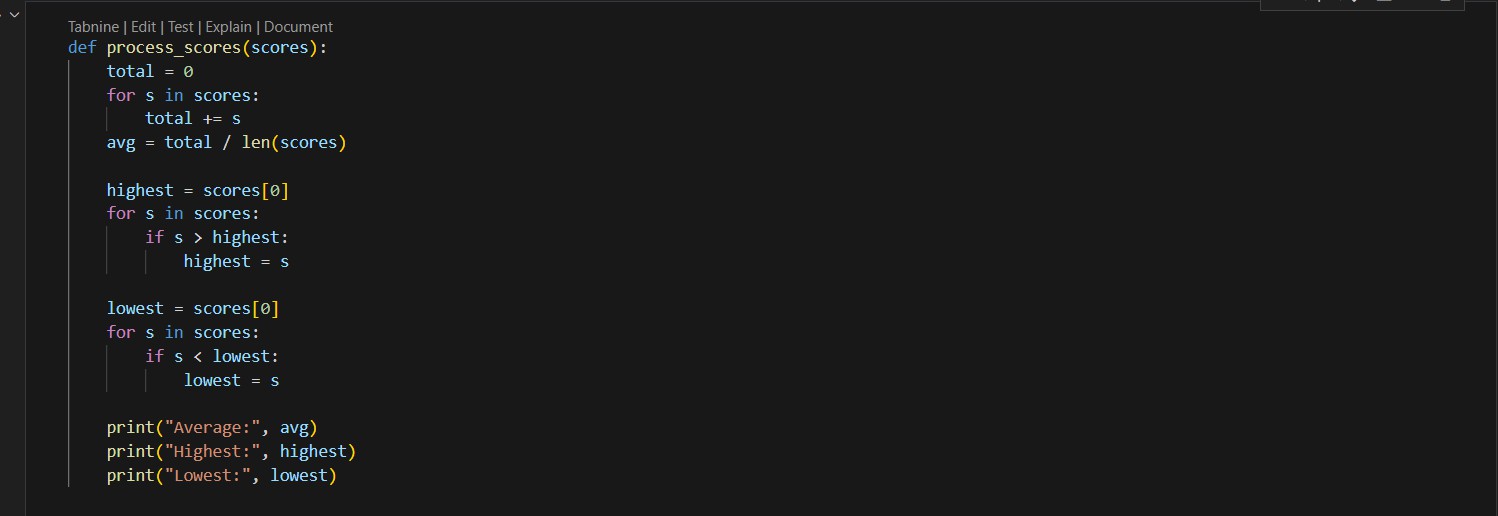
**PROMPT-**

For the above code improve Naming conventions, Encapsulation, Readability C maintainability.



**TASK 4:**

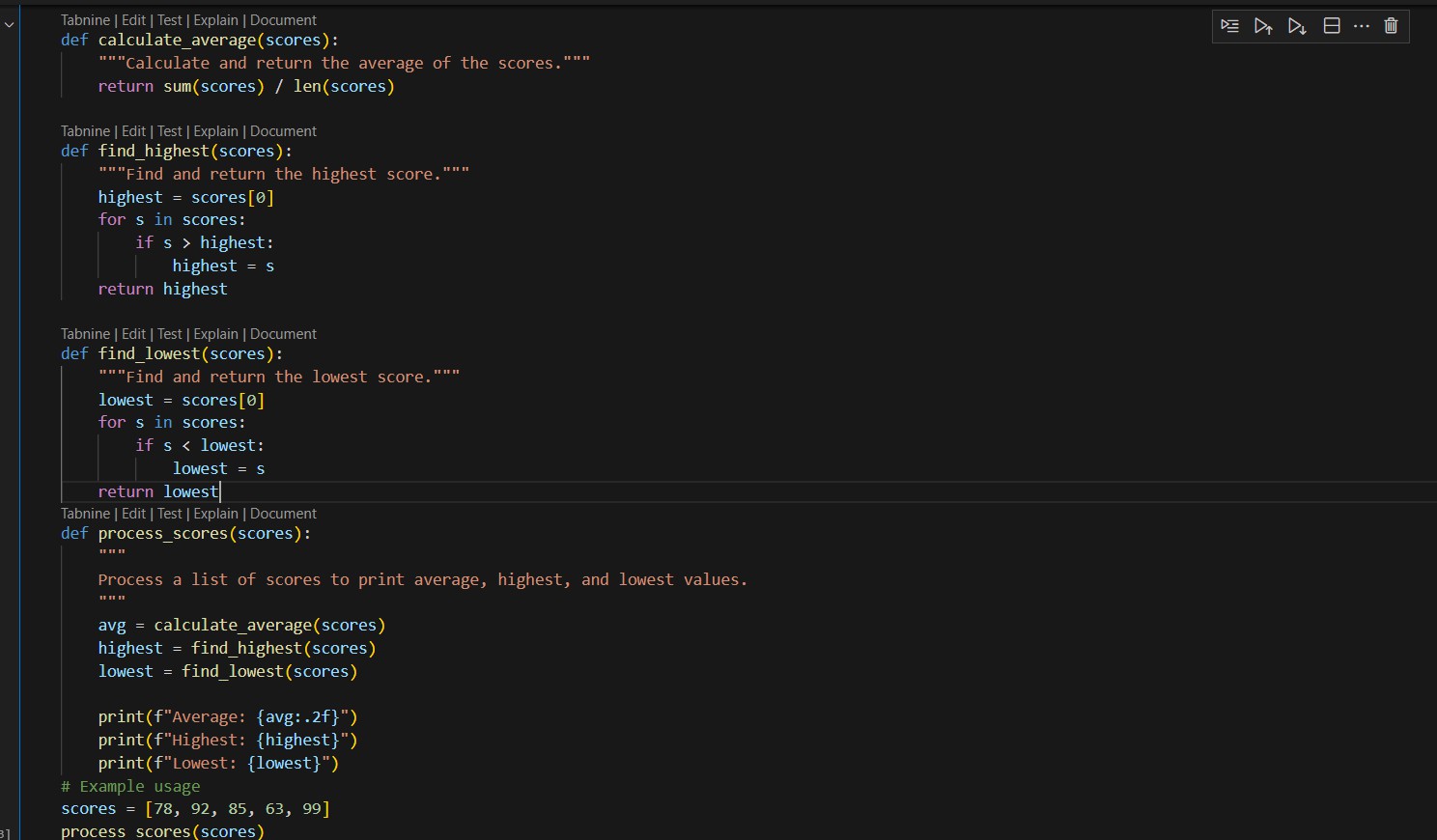
**GIVEN CODE:**

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**PROMPT:**

Break the code into smaller helper functions.

**AI GENERATED CODE:**

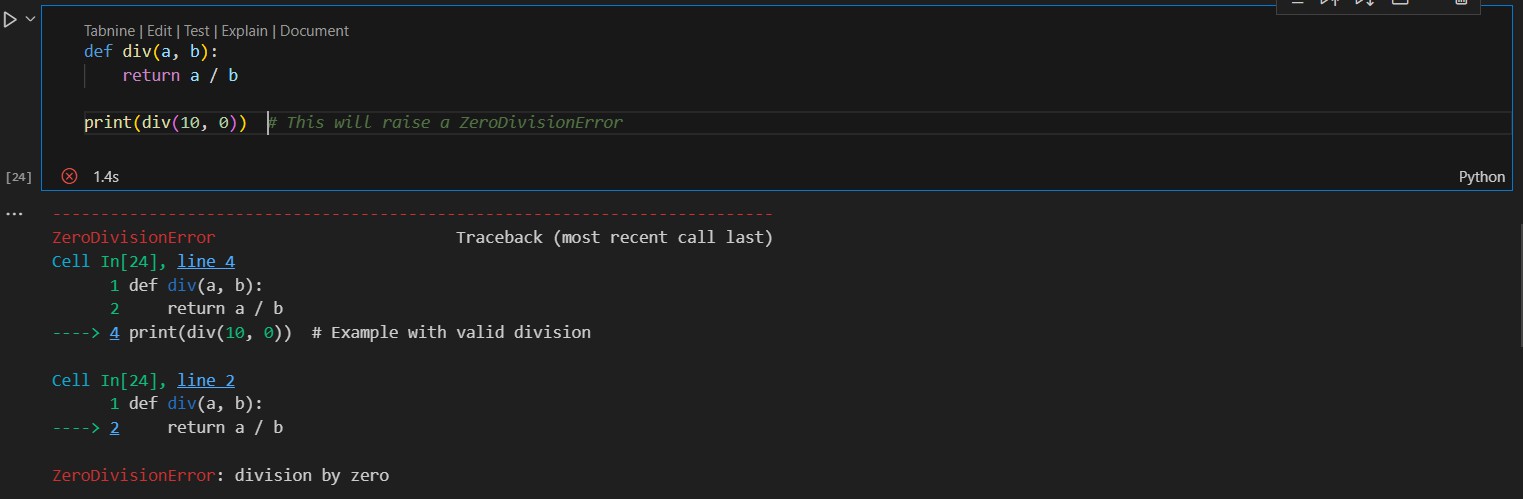
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**OUTPUT-**

****

**TASK 5:**

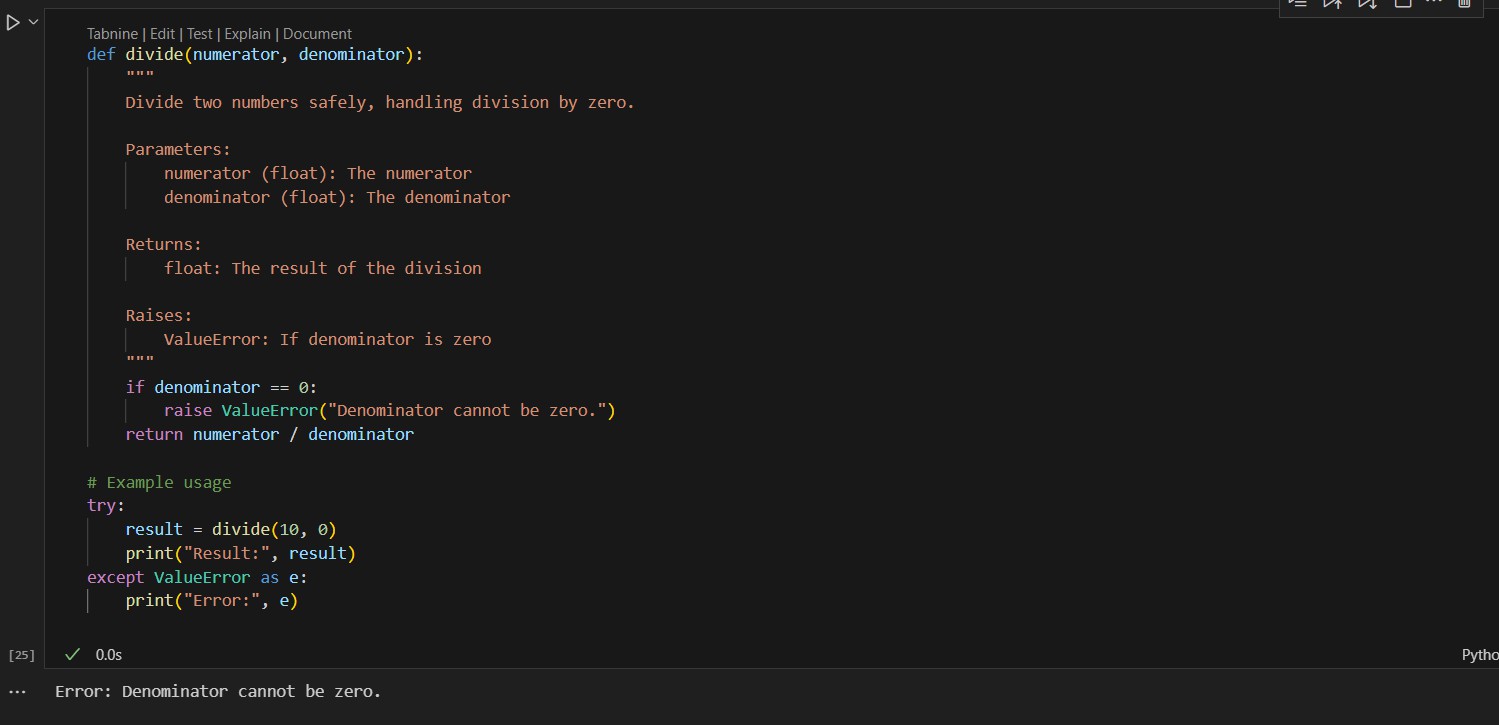
**GIVEN CODE:**



**PROMPT:**

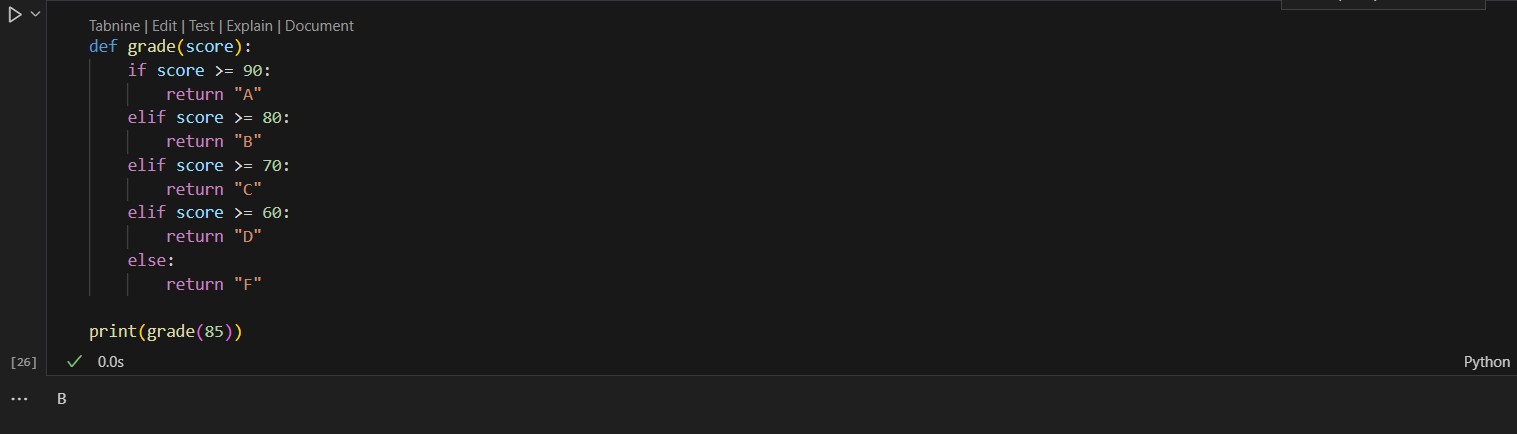
For the above code improve error handling, naming, and readability.

**AI GENERATED CODE:**



**TASK 6:**

**GIVEN CODE:**



**PROMPT-**

Simplify overly complex logic.

**AI GENERATED CODE:**

