AI ASSISTED CODING

ASSIGNMENT-10.1

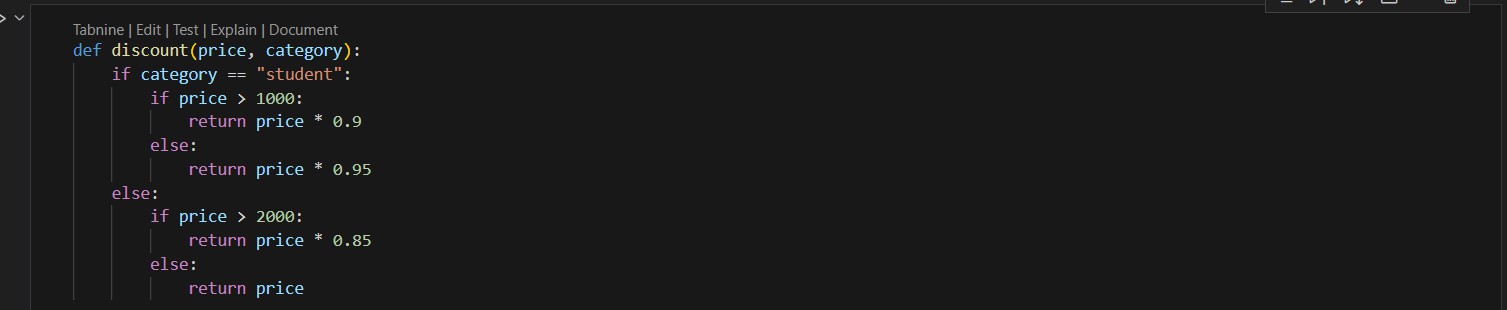
2403A51260

M.SWAPNA

BATCH-11

**TASK 1**

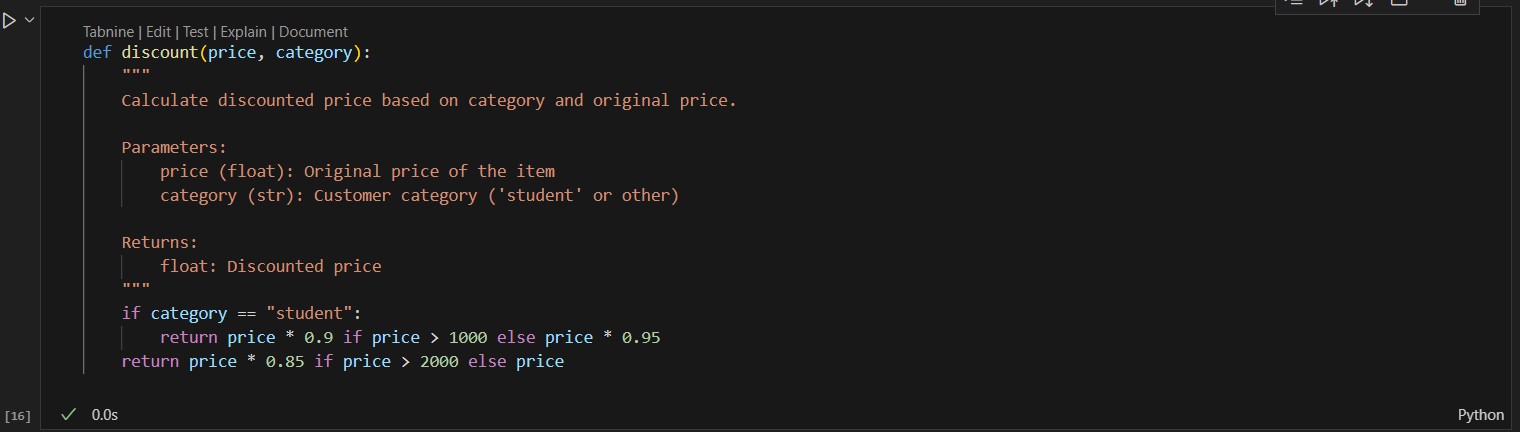
**GIVEN CODE-**



**PROMPT-**

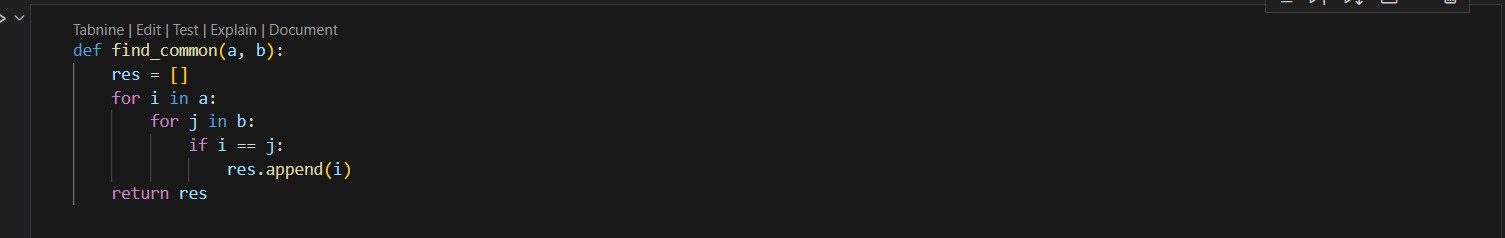
For the above code simplify and refactor for readability.

**AI GENERATED CODE-**



**TASK 2**

**GIVEN CODE-**

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**PROMPT-**

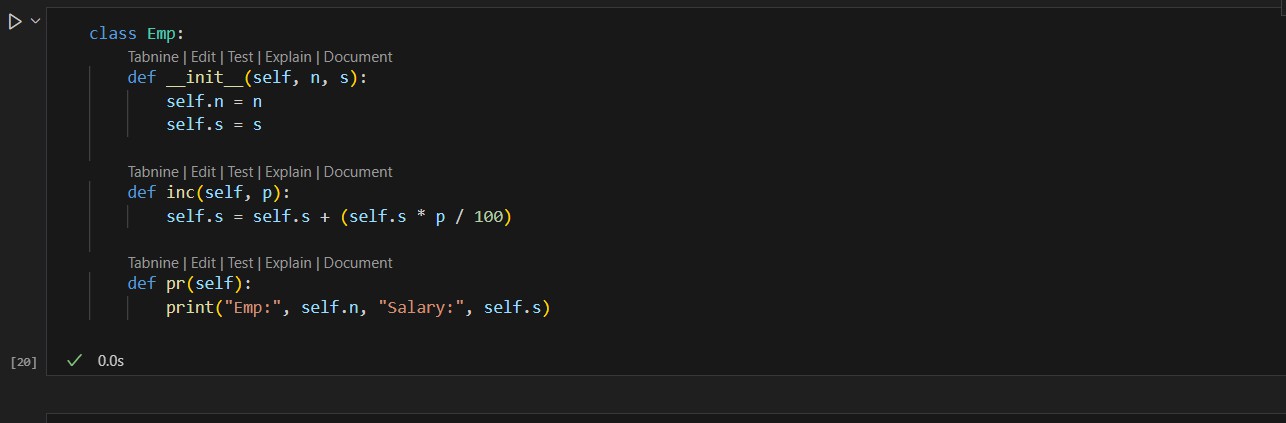
Refactor and optimize the above code.

**AI GENERATED CODE-**

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**TASK 3**

**GIVEN CODE-**



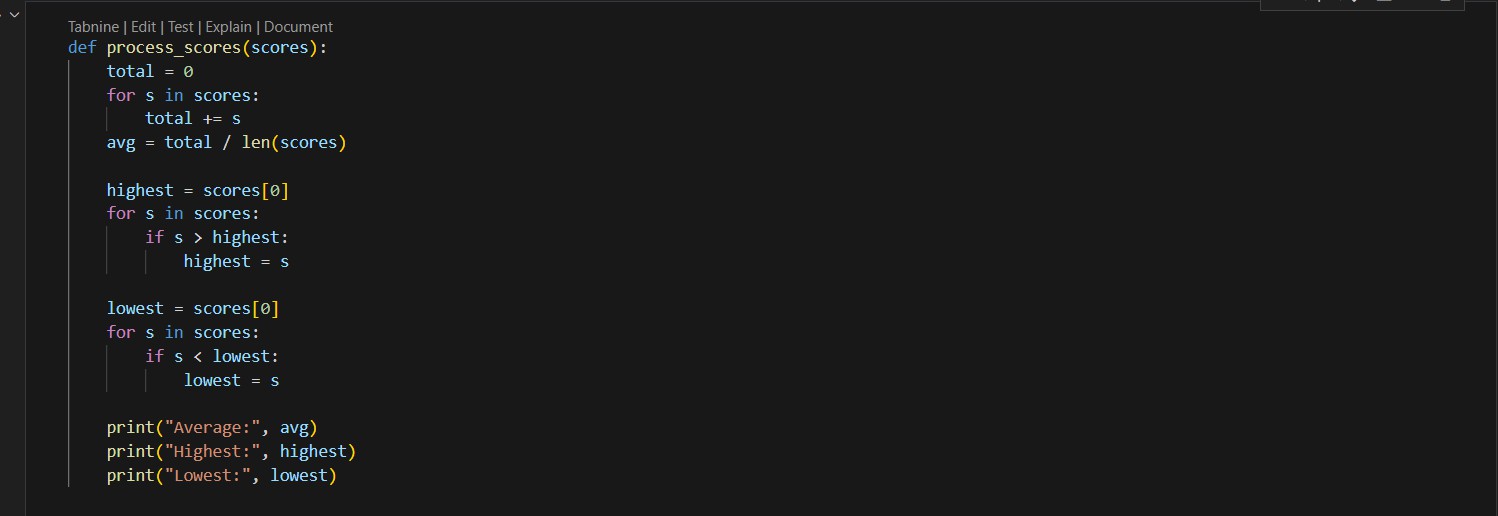
**PROMPT-**

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

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

**TASK 4**

**GIVEN CODE-**

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**PROMPT-**

Break the code into smaller helper functions.

**AI GENERATED CODE-**

**A screen shot of a computer  AI-generated content may be incorrect.**

**OUTPUT-**

**TASK 5**

**GIVEN CODE-**

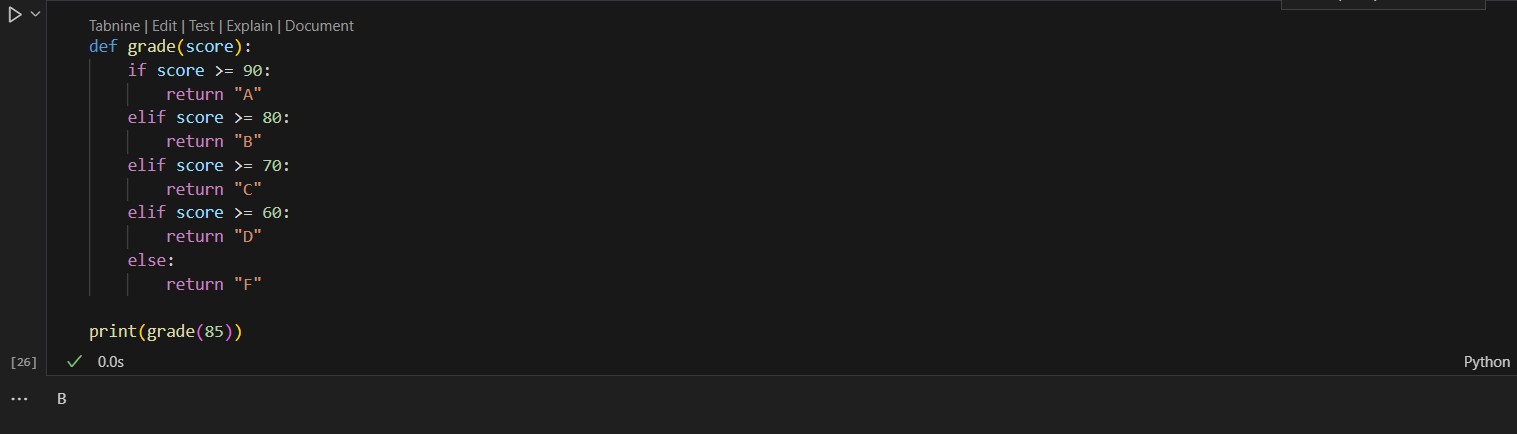
**PROMPT-**

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-**

