**AI-ASSISTED-CODING**

**Assignment-9.3**

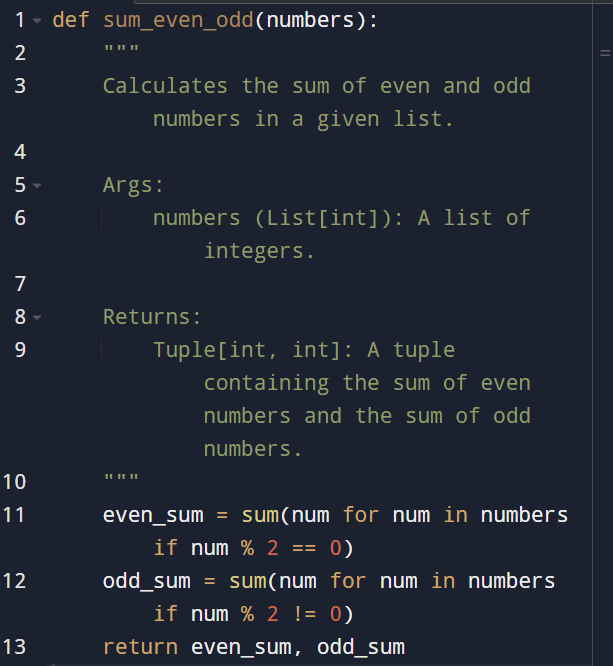
**2403A51262**

**K. pooja sri**

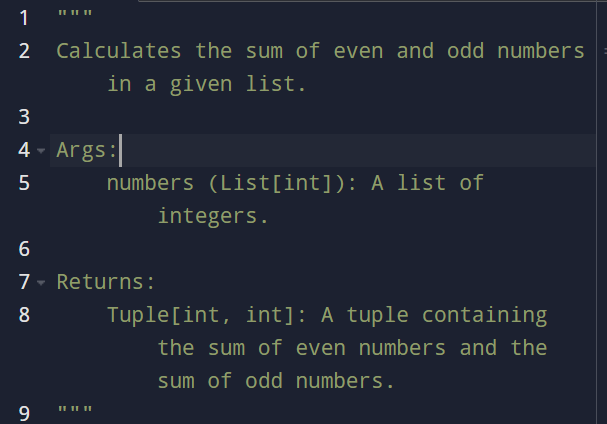
**Task Description#1:**

**Basic Docstring Generation**

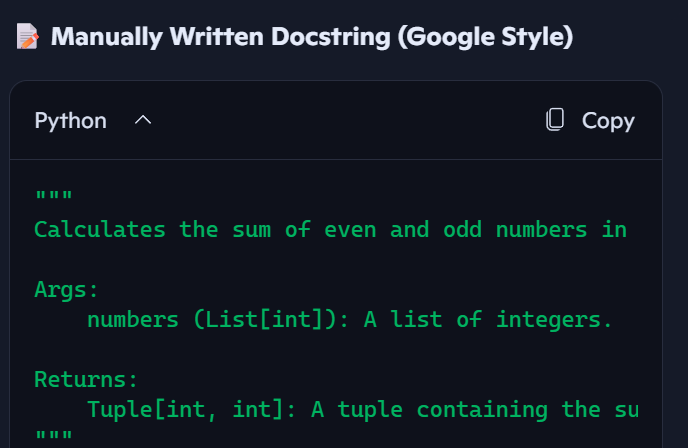
• Write python function to return sum of even and odd numbers in the given list.

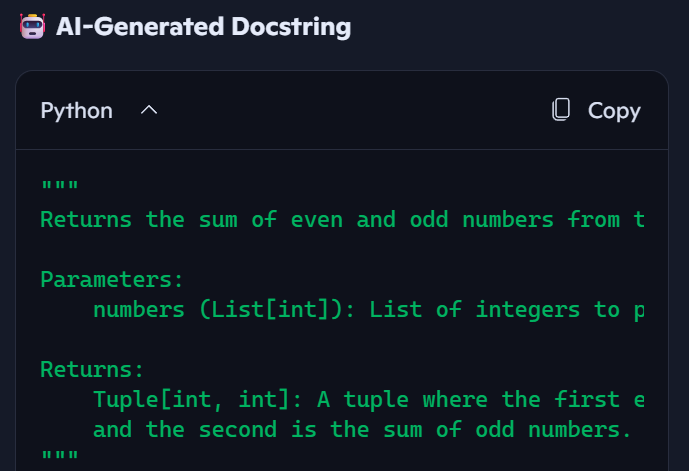


• Incorporate manual docstring in code with Google Style

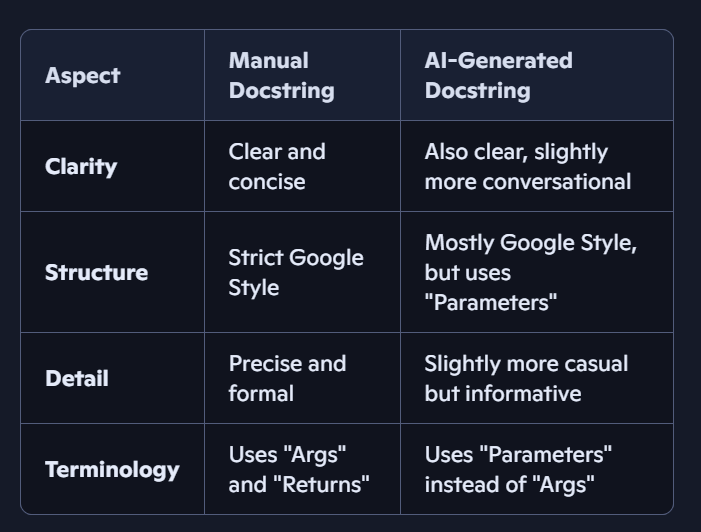


• Use an AI-assisted tool (e.g., Copilot, Cursor AI) to generate a docstring describing the function



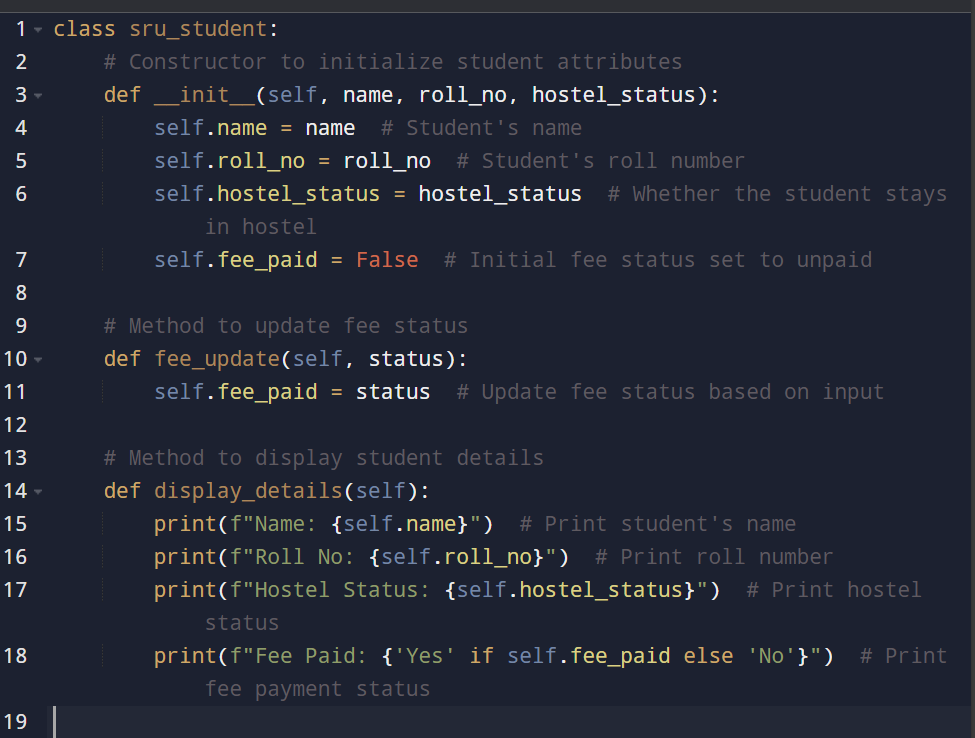


• Compare the AI-generated docstring with your manually written one.

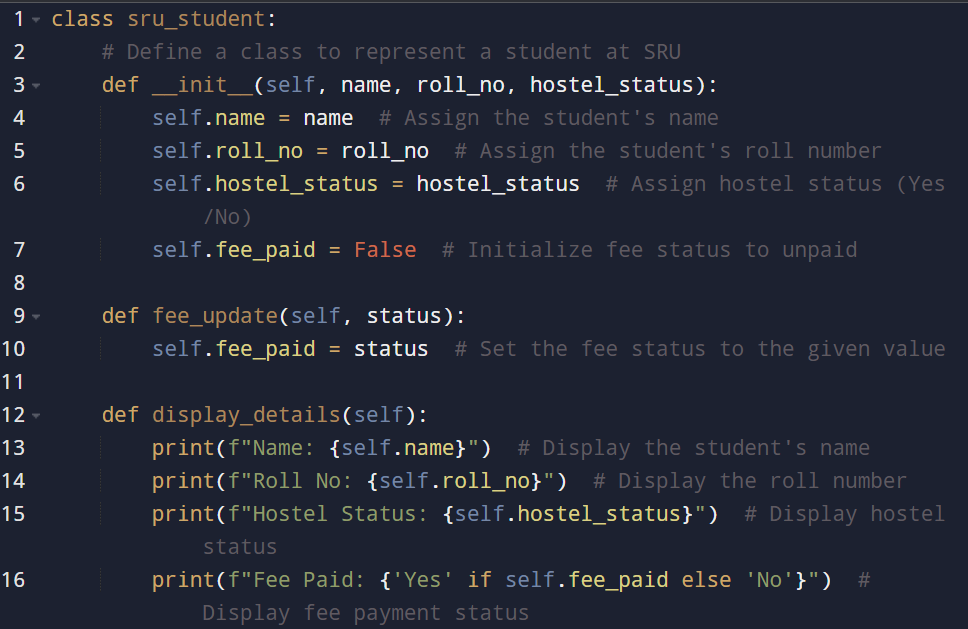


**Task Description#2 :**

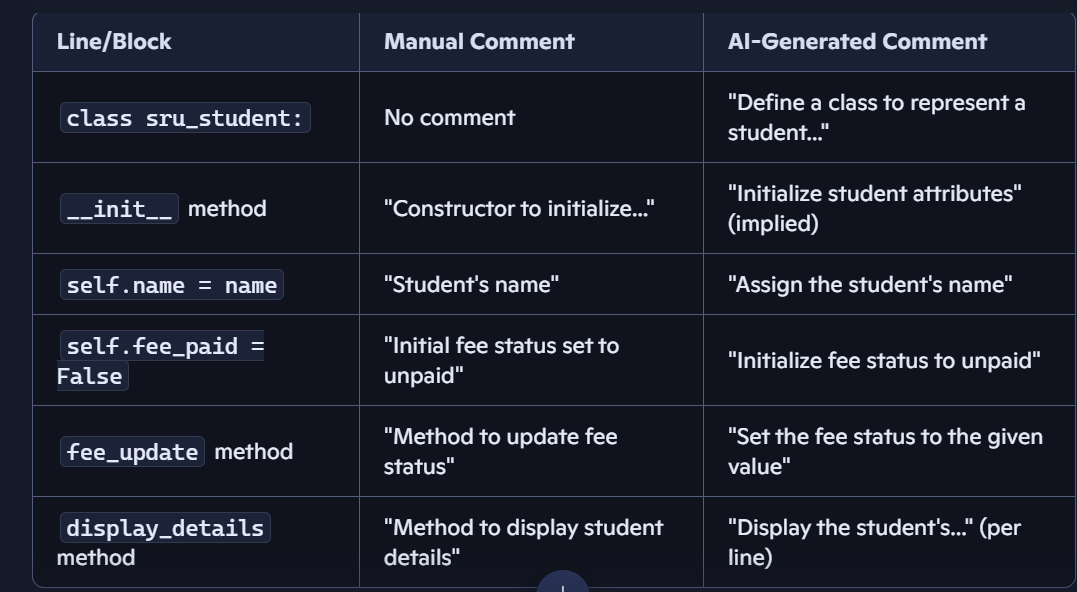
**Automatic Inline Comments**• Write python program for sru\_student class with attributes like name, roll no., hostel\_status and fee\_update method and display\_details method.

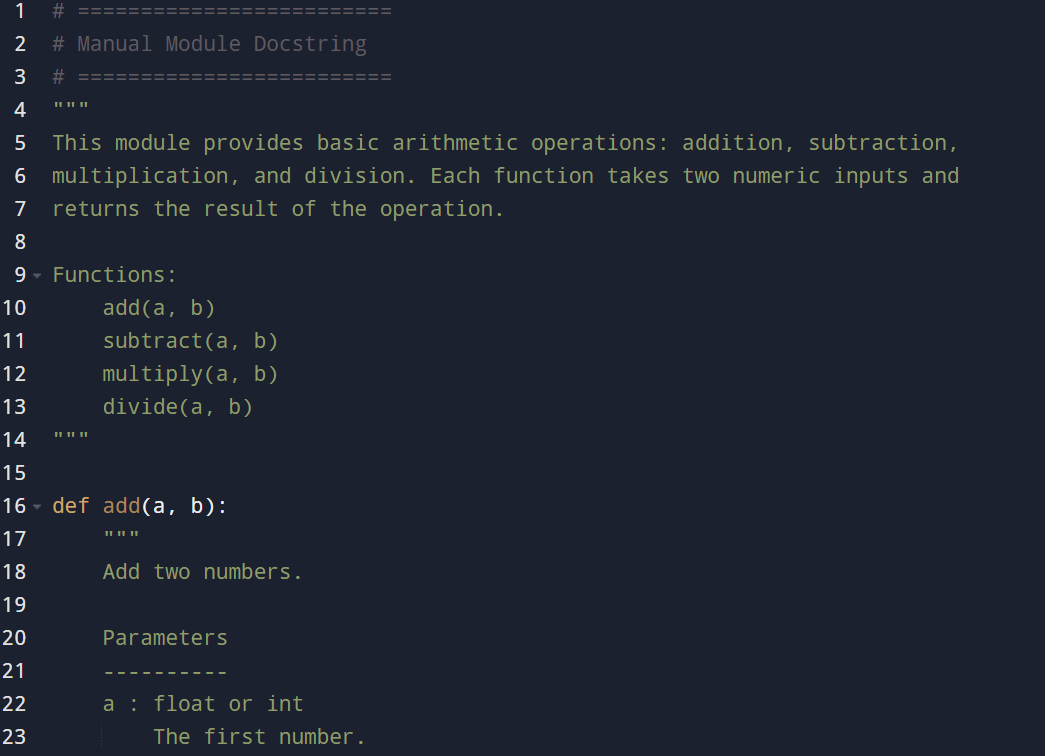


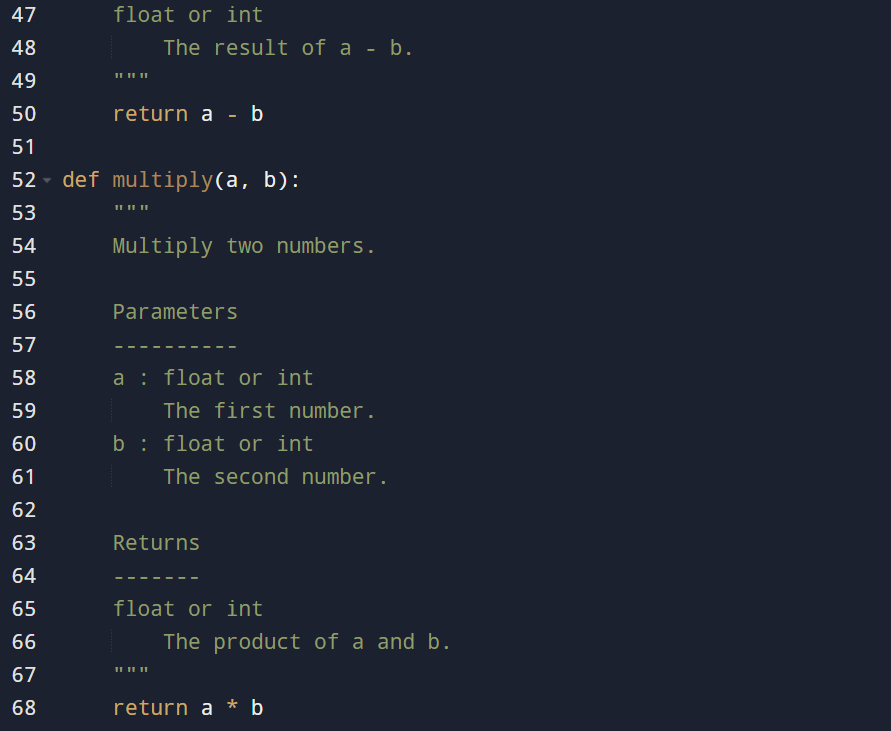
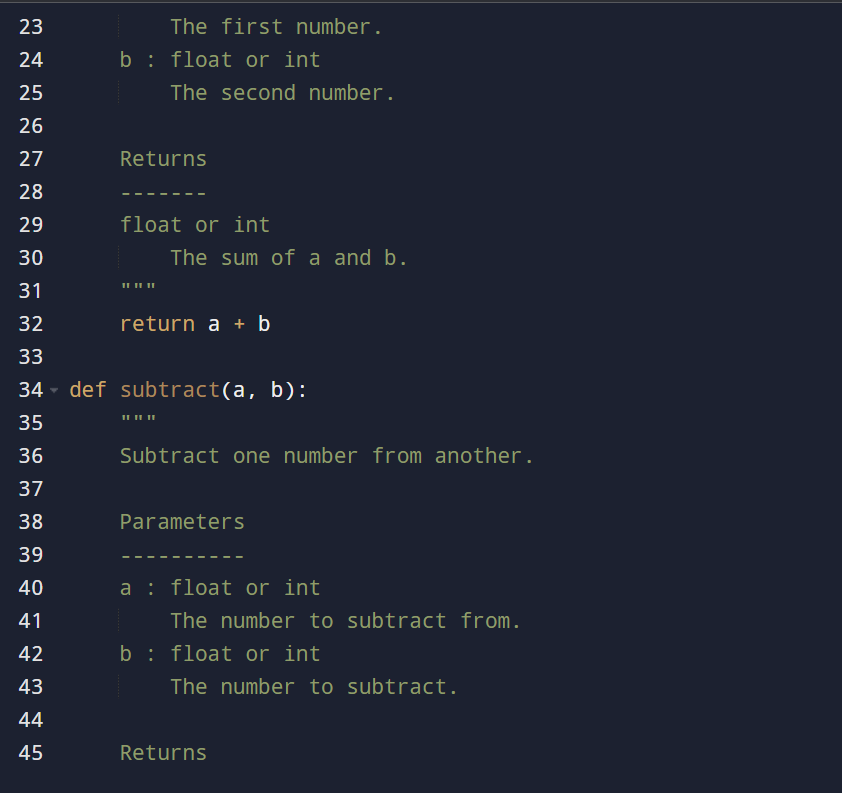
• Write comments manually for each line/code block

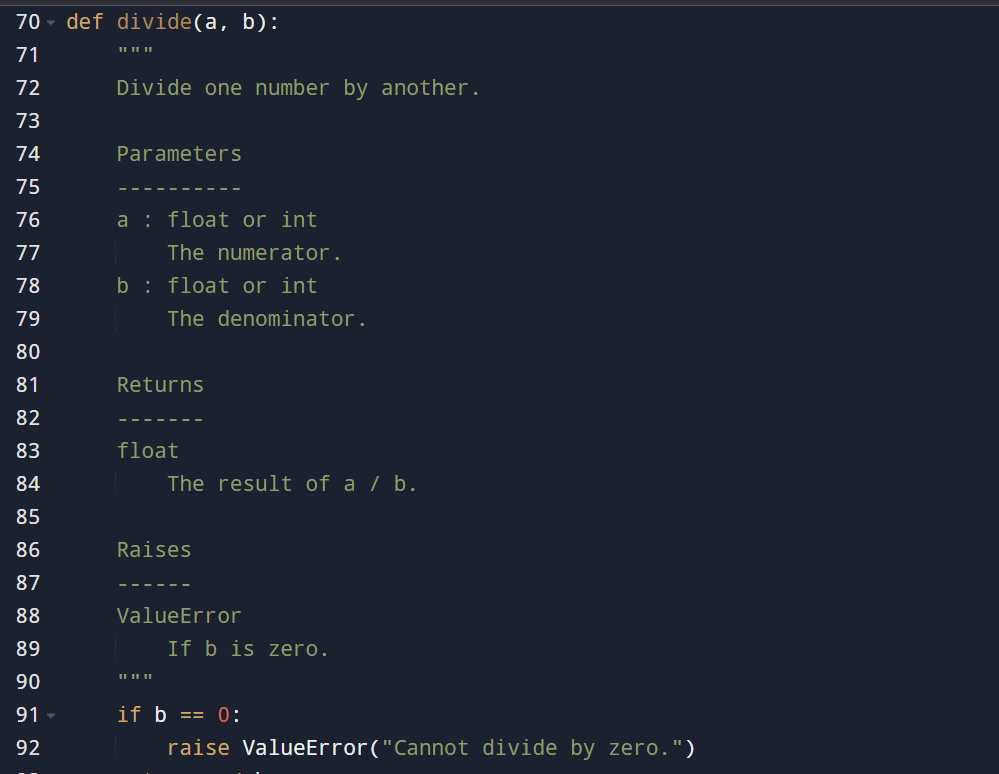


• Compare the AI-generated comments with your manually written one

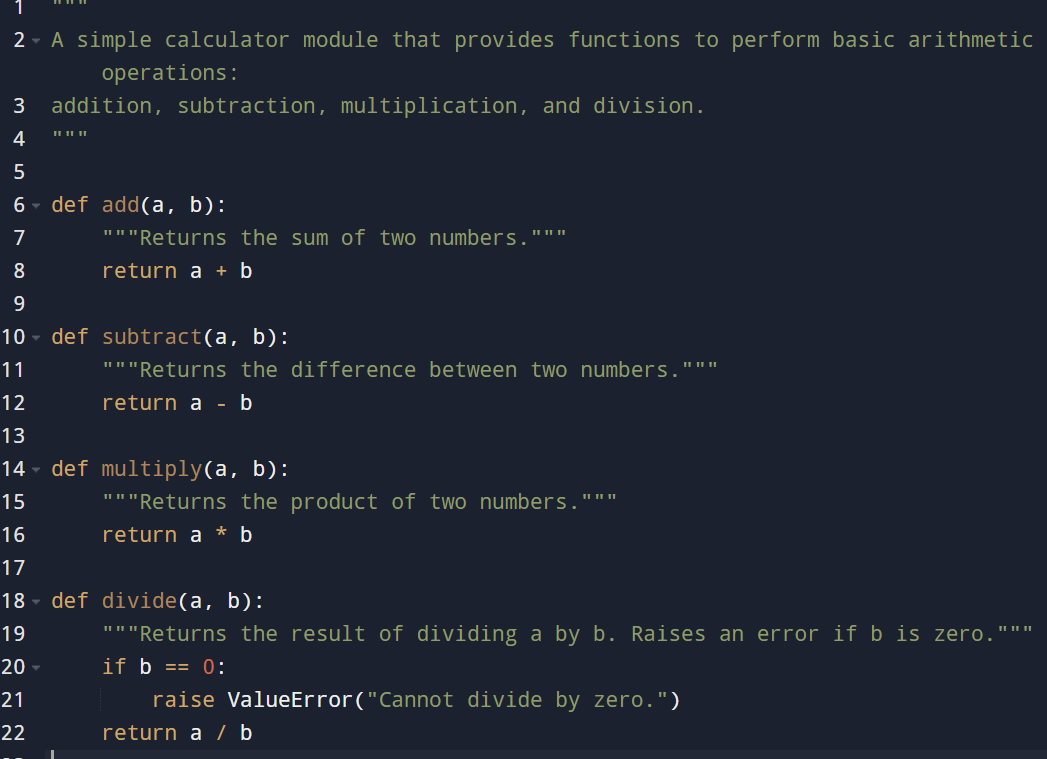


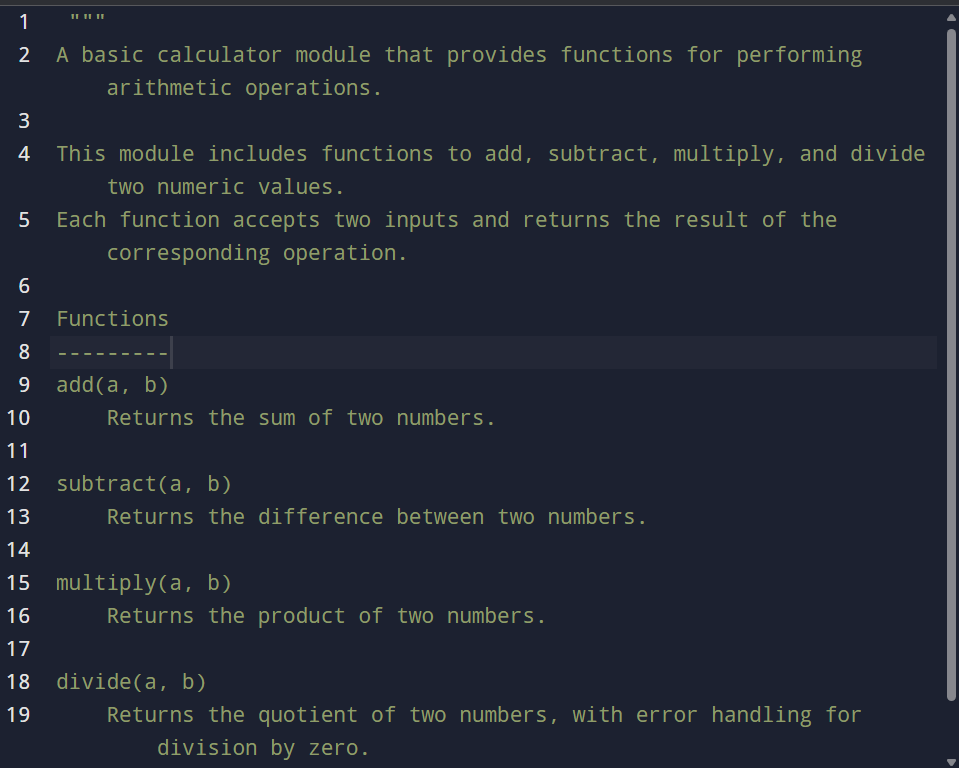
**Task Description#3:**  
• Write a Python script with 3–4 functions (e.g., calculator: add, subtract, multiply,  
divide). 

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• Incorporate manual docstring in code with Numpy  
• Use AI assistance to generate a module-level docstring + individual function  
docstrings.

  
• Compare the AI-generated docstring with your manually written one

