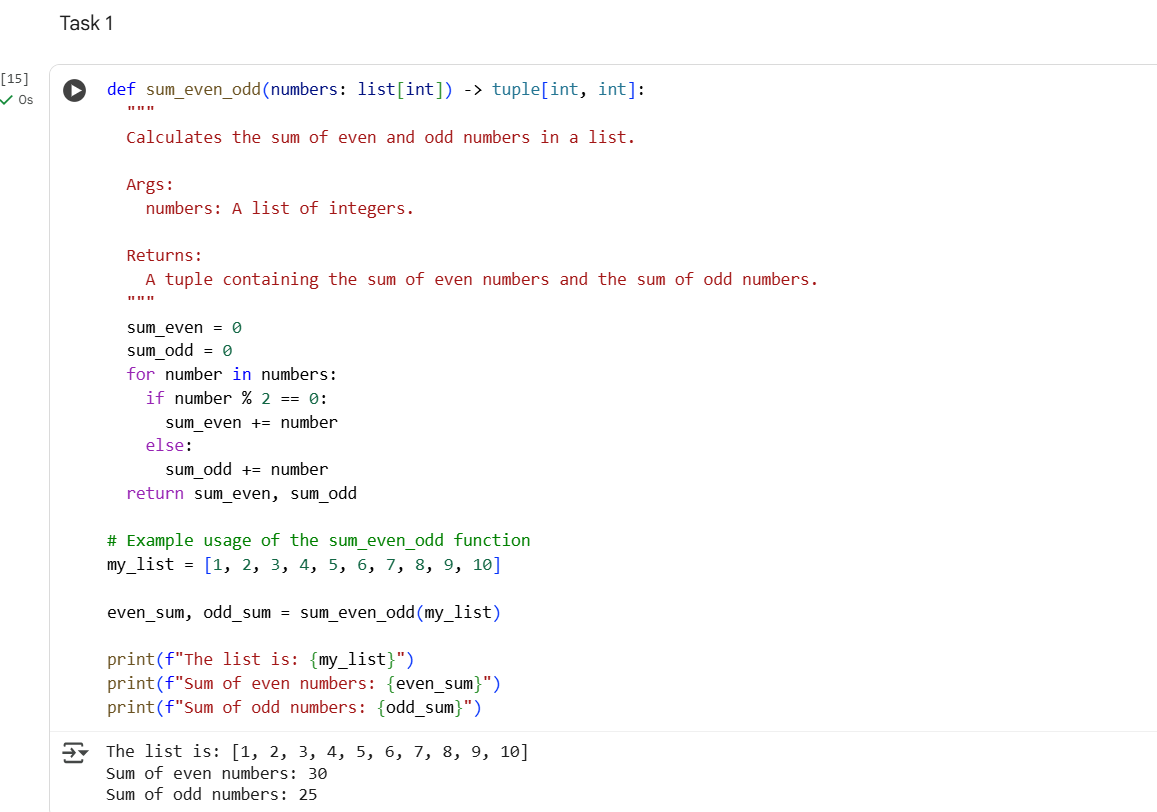
# Ai Assignment: 9.3

**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.

**Expected Outcome#1:** Students understand how AI can produce function-level documentation.



A screenshot of a computer

AI-generated content may be incorrect.

**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
* Ask an AI tool to add inline comments explaining each line/step.
* Compare the AI-generated comments with your manually written one.

**Expected Output#2:** Students critically analyze AI-generated code comments.

A screenshot of a computer

AI-generated content may be incorrect.

A close-up of a computer screen

AI-generated content may be incorrect.

**Task Description#3**

* Write a Python script with 3–4 functions (e.g., calculator: add, subtract, multiply, divide).
* Incorporate manual **docstring** in code with NumPy Style
* Use AI assistance to generate a module-level docstring + individual function docstrings.
* Compare the AI-generated docstring with your manually written one.

**Expected Output#3:** Students learn structured documentation for multi-function scripts

A screenshot of a computer program

AI-generated content may be incorrect.

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AI-generated content may be incorrect.

