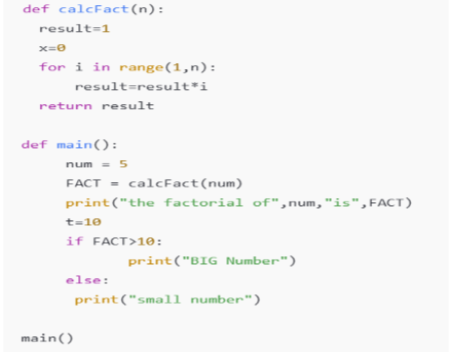
Assignment 10.2

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Batch : 13

Task 1 :   
• Write python program as shown below.  
• Use an AI assistant to review and suggest corrections.

  
prompt:

A screenshot of a computer program

AI-generated content may be incorrect.

A computer screen shot of a computer code

AI-generated content may be incorrect.

Correct the code

Code and output:

A screenshot of a computer program

AI-generated content may be incorrect.

Task 2 :  
• Write the Python code for Fibonacci as shown below and execute.  
• Ask AI to improve variable names, add comments, and apply PEP8 formatting  
(cleaned up).  
• Students evaluate which suggestions improve readability most. one.

A screen shot of a computer program

AI-generated content may be incorrect.

Prompt :

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer error

AI-generated content may be incorrect.

Correct the code

Code and output :

A screenshot of a computer program

AI-generated content may be incorrect.

Task 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

Prompt :

write a a Python script with multiple functions for a calculator, add manual NumPy-style docstrings, and generate module-level docstrings

code and output :

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer program

AI-generated content may be incorrect.

A screenshot of a computer program

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.