**AI ASSISTED CODING-6**

**TASK-1:**

• Start a Python class named Student with attributes name, roll\_number, and marks. Prompt GitHub Copilot to complete methods for displaying details and checking if marks are above average

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EXPLANATION: A screenshot of a computer program

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**TASK-2:**

**•** Write the first two lines of a for loop to iterate through a list of numbers. Use a comment prompt to let Copilot suggest how to calculate and print the square of even numbers only.

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Explanation:

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**TASK-3:**

• Create a class called BankAccount with attributes account\_holder and balance. Use Copilot to complete methods for deposit(), withdraw(), and check for insufficient balance.

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EXPLANATION:

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**TASK-4:**

• Define a list of student dictionaries with keys name and score. Ask Copilot to write a while loop to print the names of students who scored more than 75.

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EXPLANATION:

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**TASK-5:**

• Begin writing a class ShoppingCart with an empty items list. Prompt Copilot to generate methods to add\_item, remove\_item, and use a loop to calculate the total bill using conditional discounts.

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EXPLANATION:

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