**AI ASSISTED CODING**

**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

A screenshot of a computer program

AI-generated content may be incorrect.

EXPLANATION: A screenshot of a computer program

AI-generated content may be incorrect.

**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.

A screenshot of a computer

AI-generated content may be incorrect.

Explanation:

A screenshot of a computer program

AI-generated content may be incorrect.

**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.

**A screen shot of a computer

AI-generated content may be incorrect.**

**A screenshot of a computer

AI-generated content may be incorrect.**

EXPLANATION:

A screenshot of a computer

AI-generated content may be incorrect.

**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.

A computer screen shot of a program

AI-generated content may be incorrect.

EXPLANATION:

A screenshot of a computer

AI-generated content may be incorrect.

**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.

A screenshot of a computer program

AI-generated content may be incorrect.

A screenshot of a computer program

AI-generated content may be incorrect.

EXPLANATION:

A screenshot of a computer

AI-generated content may be incorrect.