# **AI ASSISTED CODING**

# **ASSIGNMENT-4.4**

# NAME: Perala Akshaya

# HALL NUMBER:2403A51264

# BATCH:11

# Task-1:

Write a class definition comment and start the constructor for a class called BankAccount with  
account\_holder and balance attributes. Use GitHub Copilot to auto-complete the rest of the  
class, including methods to deposit, withdraw, and display balance.

A screen shot of a computer program

AI-generated content may be incorrect.

A screen shot of a computer program

AI-generated content may be incorrect.

# Output:

A screen shot of a computer

AI-generated content may be incorrect.

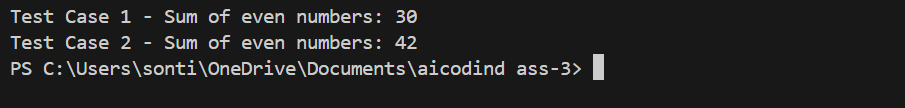
# Task-2:

Write a comment and the initial line of a loop to iterate over a list. Allow GitHub Copilot to  
complete the logic to sum all even numbers in the list.

A computer screen with colorful text

AI-generated content may be incorrect.

# Output:



# Task-3:

Start a function that takes age as input and returns whether the person is a child, teenager,  
adult, or senior using if-elif-else. Use Copilot to complete the conditionals.

A screenshot of a computer program

AI-generated content may be incorrect.

Output:

A screen shot of a computer

AI-generated content may be incorrect.

Task-4:

Write a comment and start a while loop to reverse the digits of a number. Let Copilot  
complete the loop logic.

A screenshot of a computer program

AI-generated content may be incorrect.

Output:

A black background with white text

AI-generated content may be incorrect.

Task:5

Begin a class Employee with attributes name and salary. Then, start a derived class Manager  
that inherits from Employee and adds department. Let GitHub Copilot complete the methods  
and constructor chaining.

A computer screen shot of a program code

AI-generated content may be incorrect.

Output:

A screen shot of a computer

AI-generated content may be incorrect.