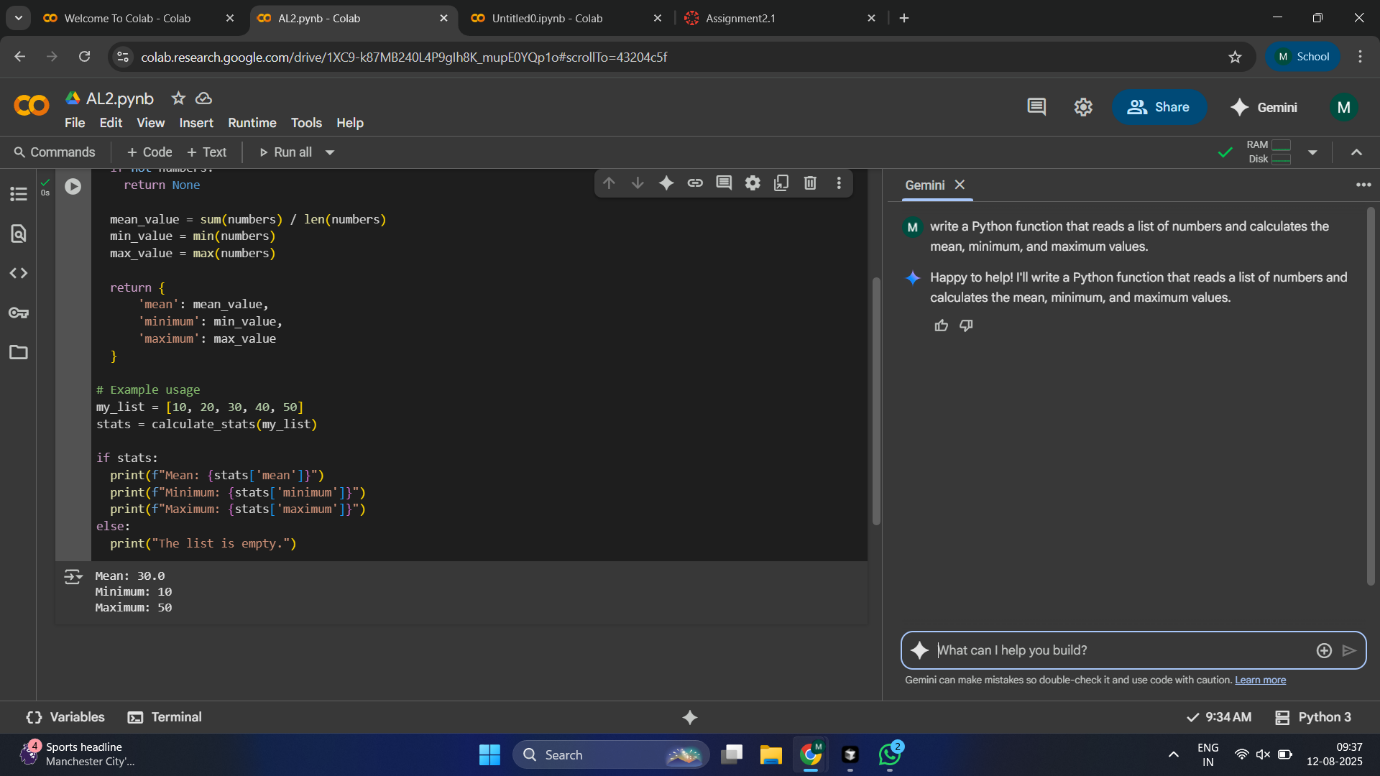
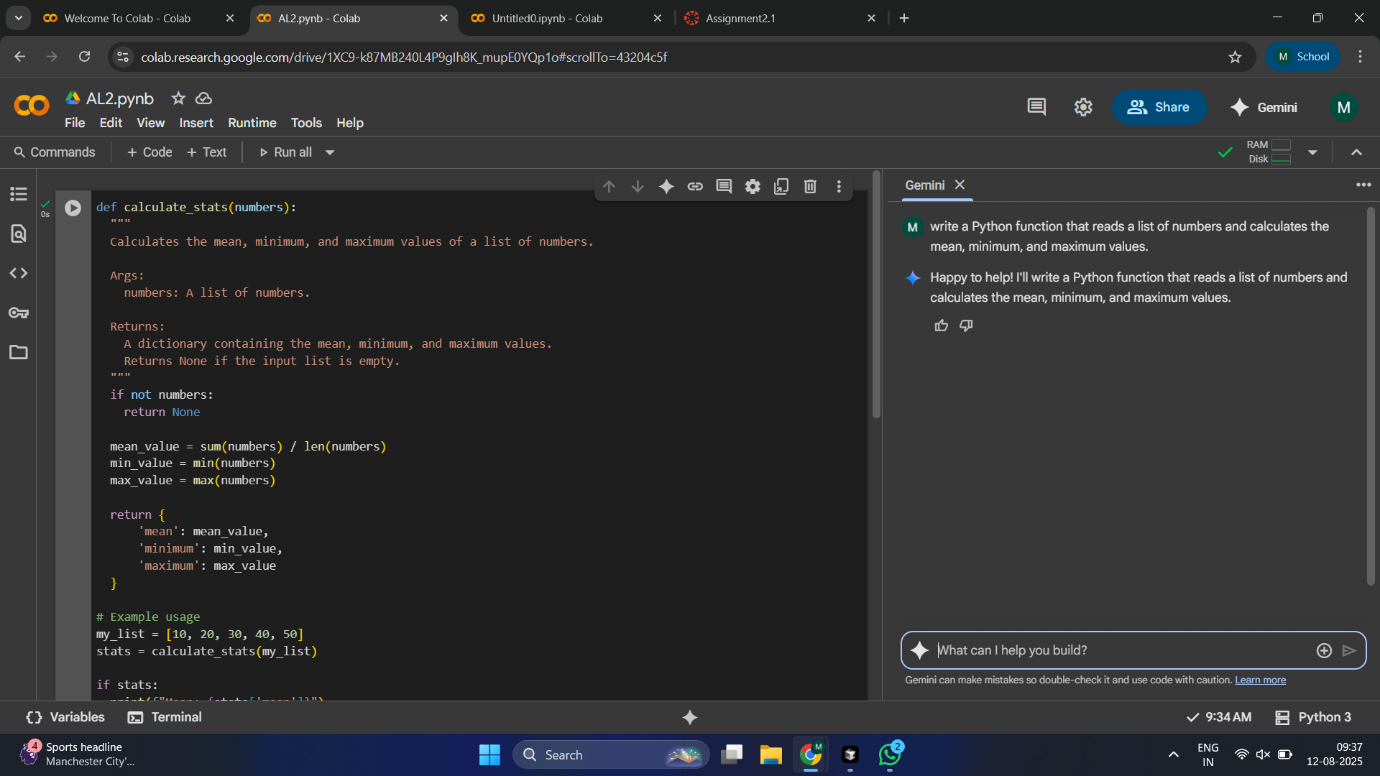
Assignment 2

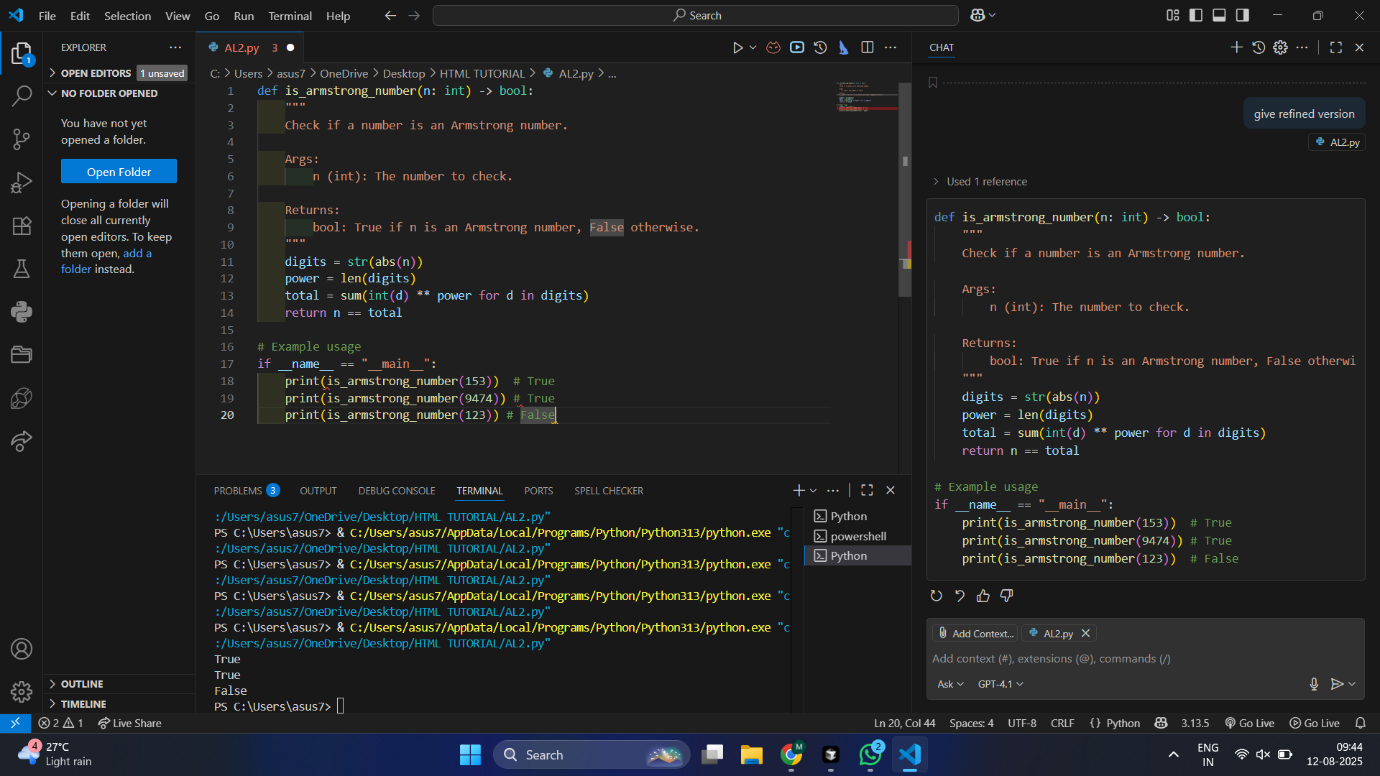
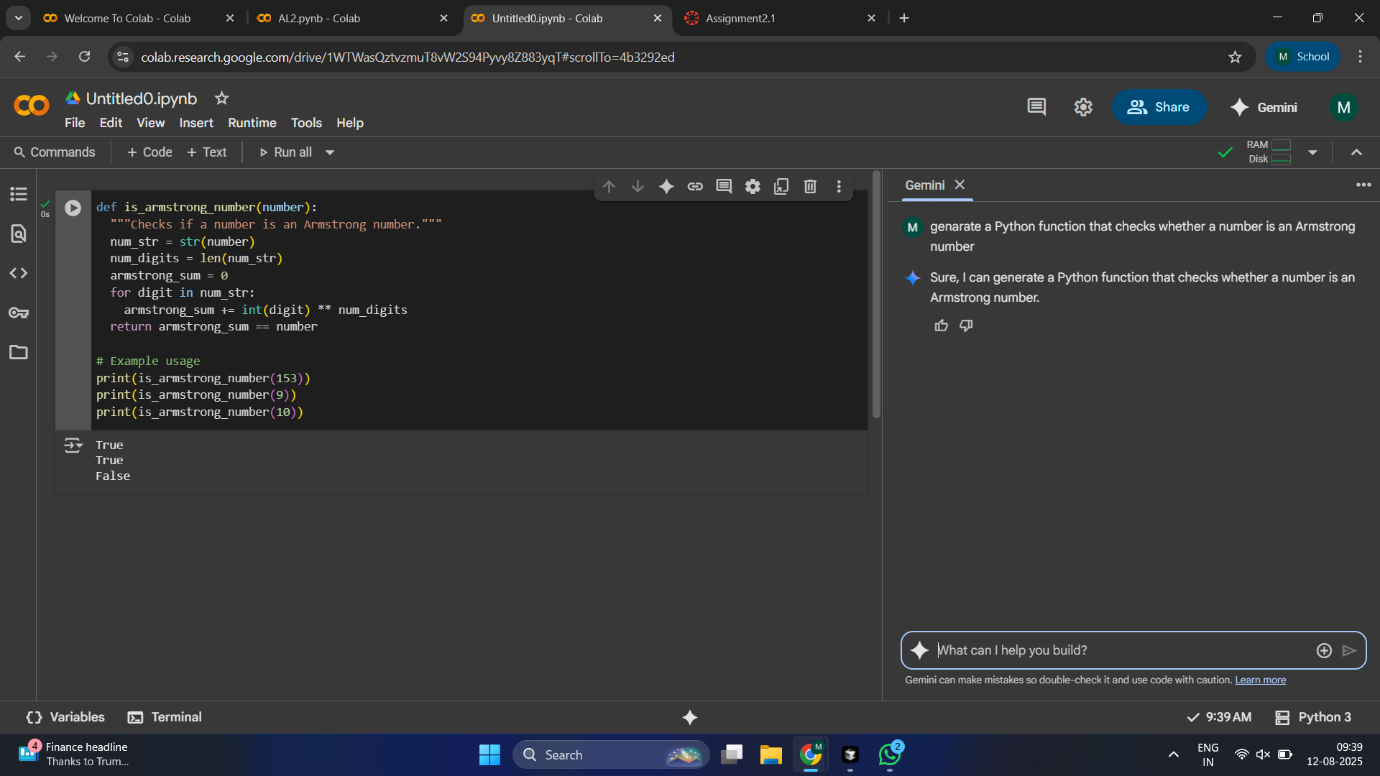
# Task 1

Use Google Gemini in Colab to write a Python function that reads  
a list of numbers and calculates the mean, minimum, and  
maximum values



# Task2

Compare Gemini and Copilot outputs for a Python function that  
checks whether a number is an Armstrong number. Document the  
steps, prompts, and outputs



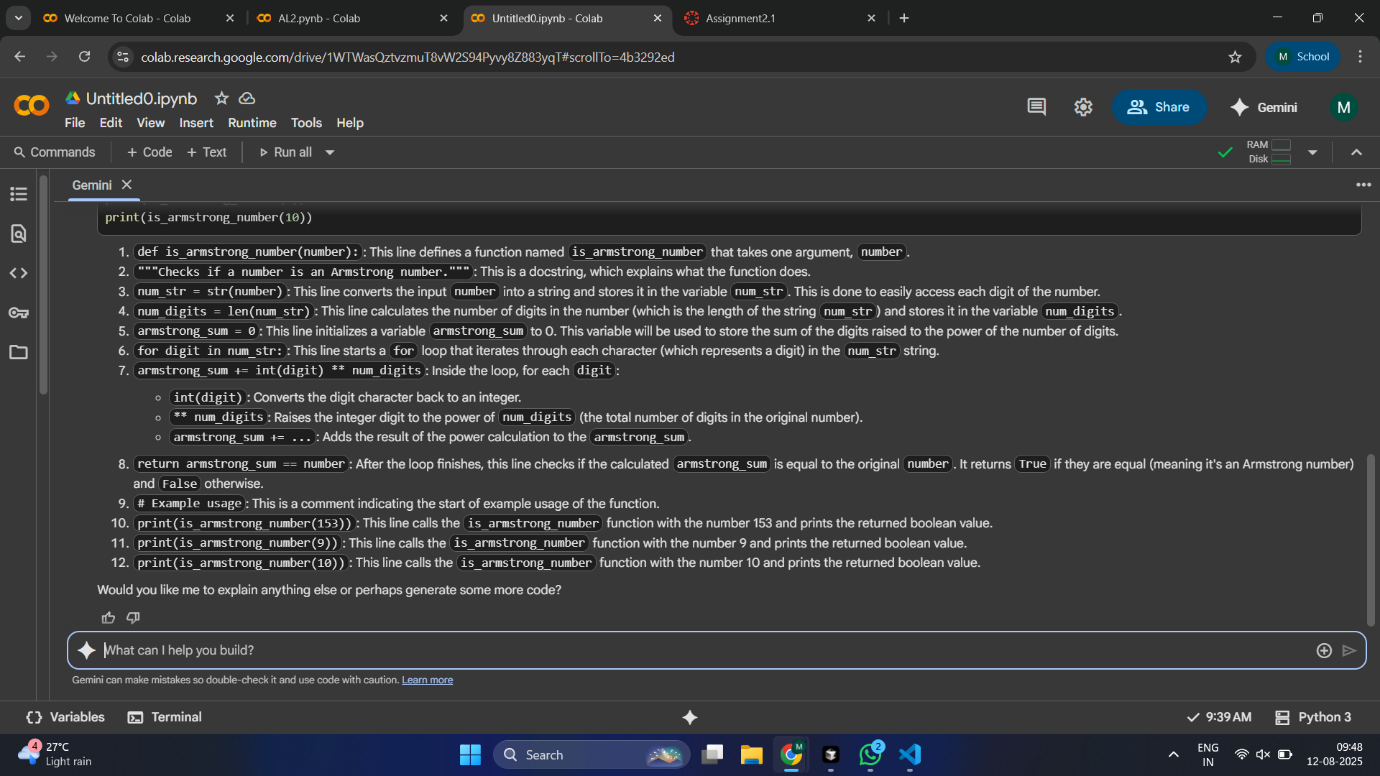
A screenshot of a computer

AI-generated content may be incorrect.

# Task3

Ask Gemini to explain a Python function (e.g., is\_prime(n) or  
is\_palindrome(s)) line by line.

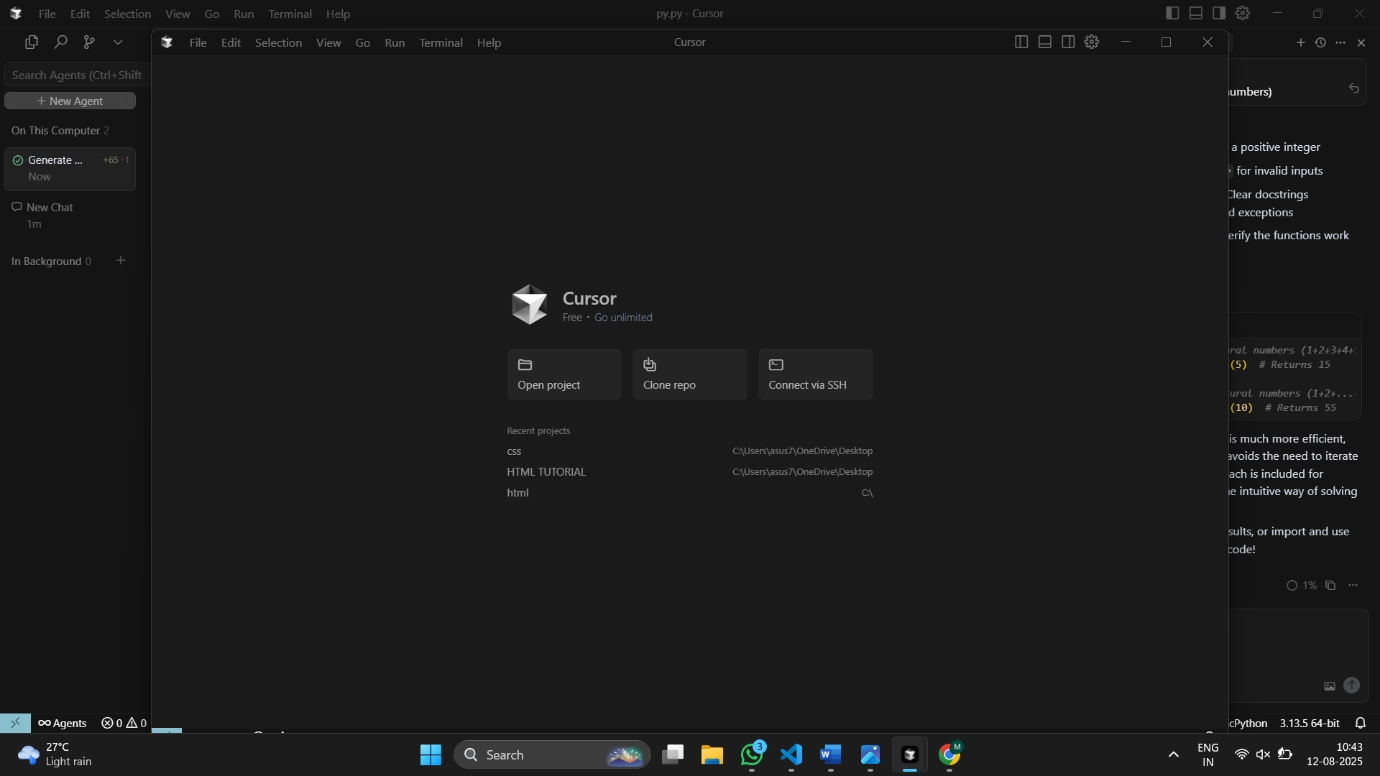
Choose either a prime-checking or palindrome-checking function  
and document the explanation provided by Gemini

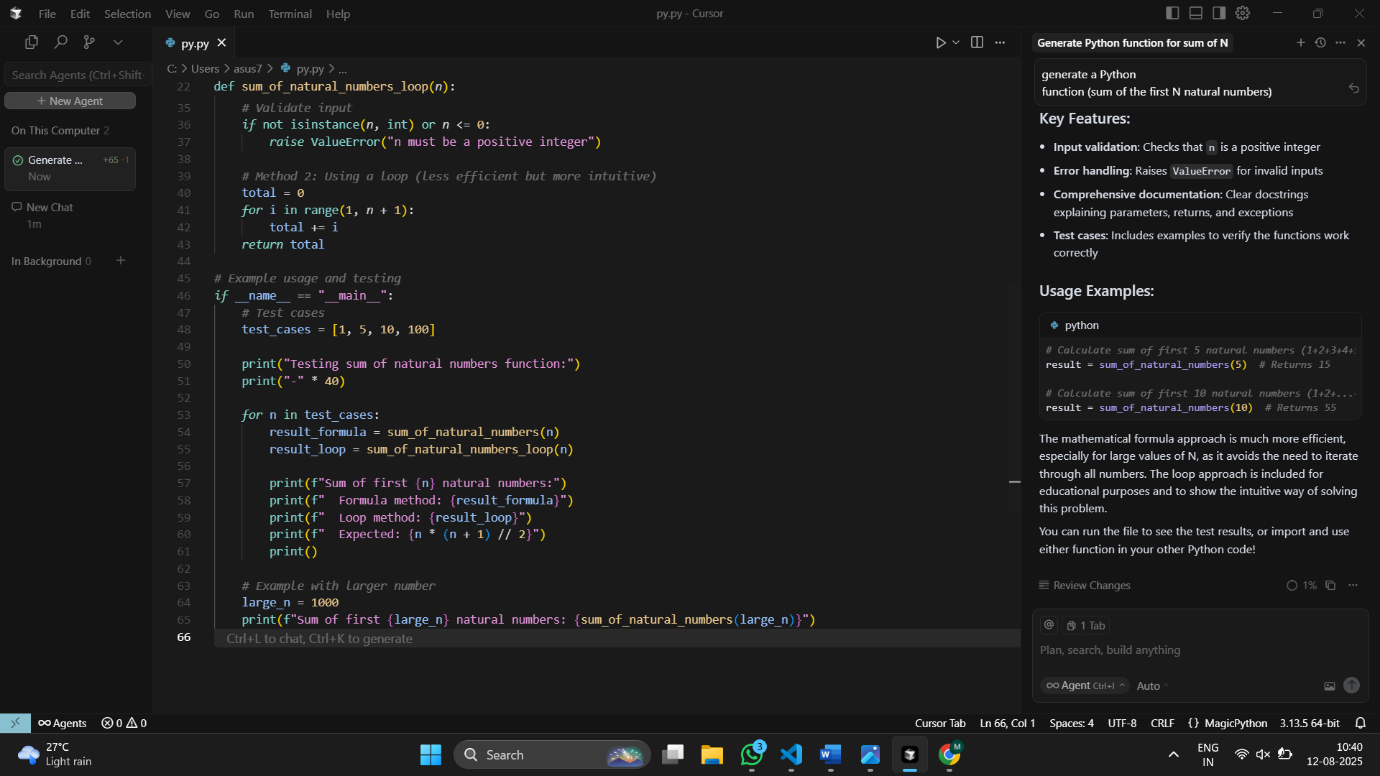
A screenshot of a computer

AI-generated content may be incorrect.

# Task4

Install and configure Cursor AI. Use it to generate a Python  
function (e.g., sum of the first N natural numbers) and test its  
output.



A screenshot of a computer

AI-generated content may be incorrect.

# Task5

Students need to write a Python program to calculate the sum of  
odd numbers and even numbers in a given tuple.

Refactor the code to improve logic and readability

A screenshot of a computer program

AI-generated content may be incorrect.