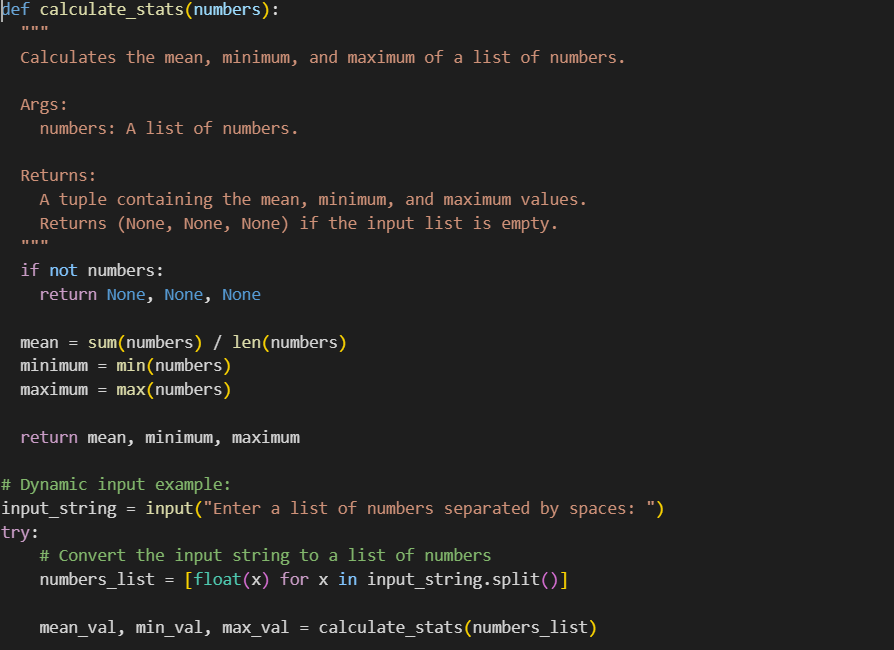
Manideep reddy.K

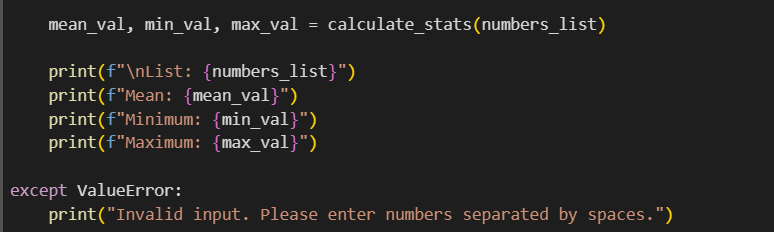
2403a54096

ASSIGNMENT:2.1

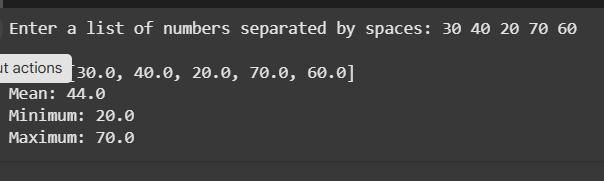
Task Description #1

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



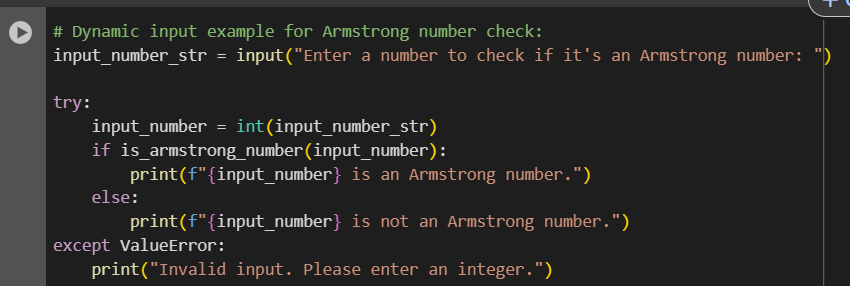


**Output:**

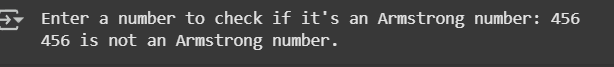
****

Task Description #2

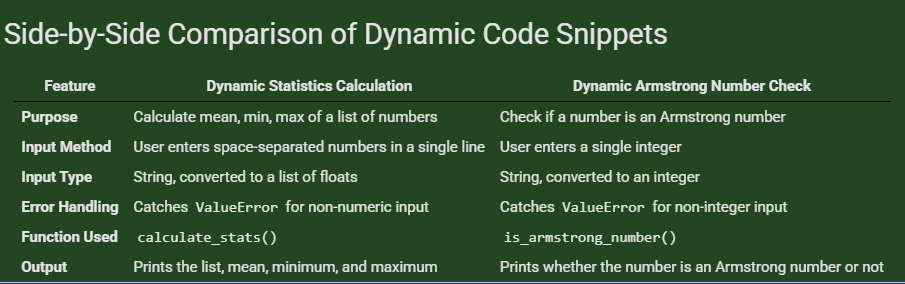
* Compare Gemini and Copilot outputs for a Python function that checks whether a number is an Armstrong number. Document the steps, prompts, and outputs.



Output:

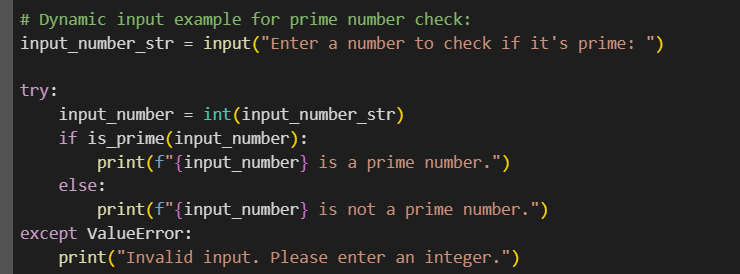


Side-by-side comparison table :



Task Description #3

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

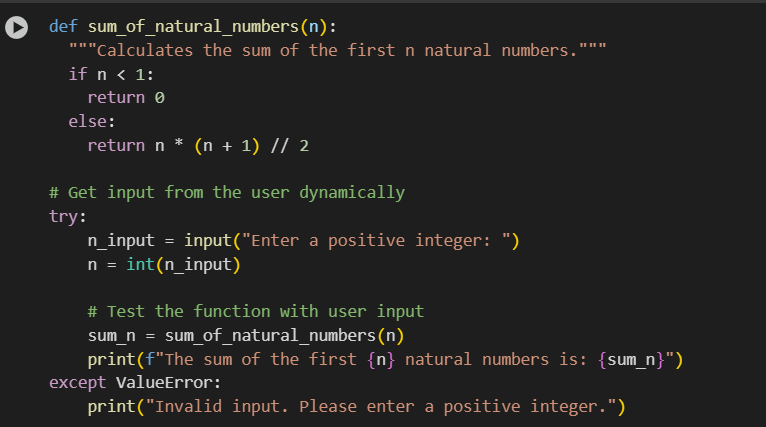


**Output:**

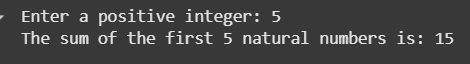
**Screenshot 2025-08-20 201243**

Task Description #4

* 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.

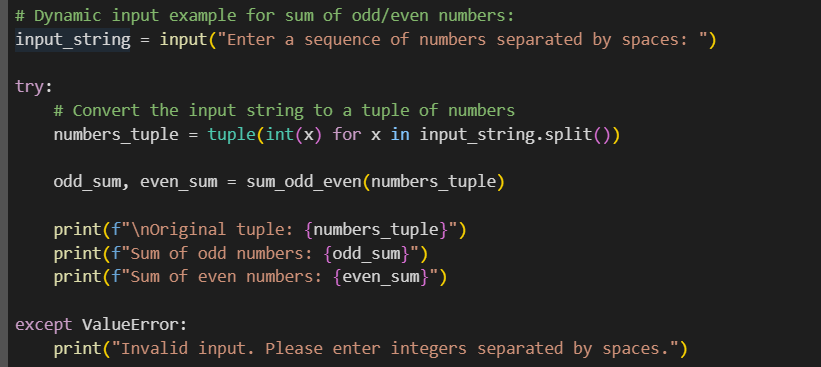


Output:



Task Description #5

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



Output:

