AIAC LAB ASSIGNMENT 1

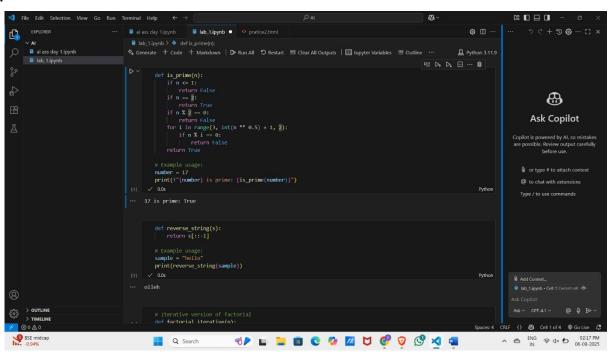
Name: A VARSHITH

H.No: 2403A52024

Batch: 02

1)Problem statement-check whether a number is prime or not. Take input dynamically from the user.

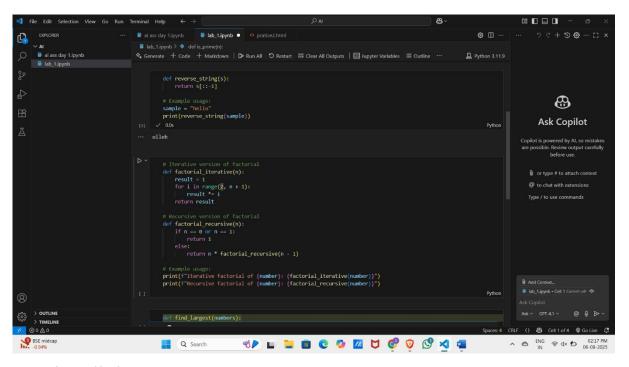
Prompt- write program to check whether the given number is prime or not



Result-17 is prime: True

2)problem statement- Generate a python code, use co-pilot to print the reverse of a string. Take the string from the user dynamically to reverse it.

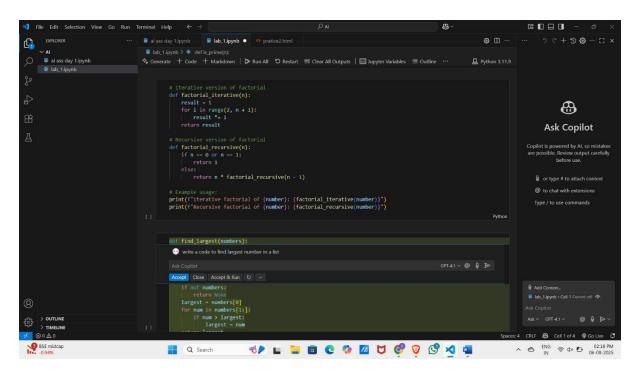
Prompt – generate a code to reverse the string in dynamically



Result- olleh

3)Problem statement-Generate recursive and iterative versions of a factorial function using comments

Prompt-write a program recursive and iterative versions of a factorial function using comments

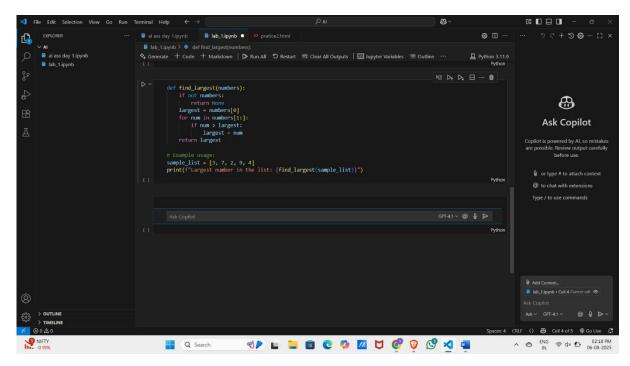


Result-Iterative factorial of 17: 355687428096000

Recursive factorial of 17: 355687428096000

4)problem statement- Generate a python code, use co-pilot to check the largest number in the list. Take input dynamically from the user.

Prompt-write a code to find largest number in a list



Result-Largest number in the list: 9