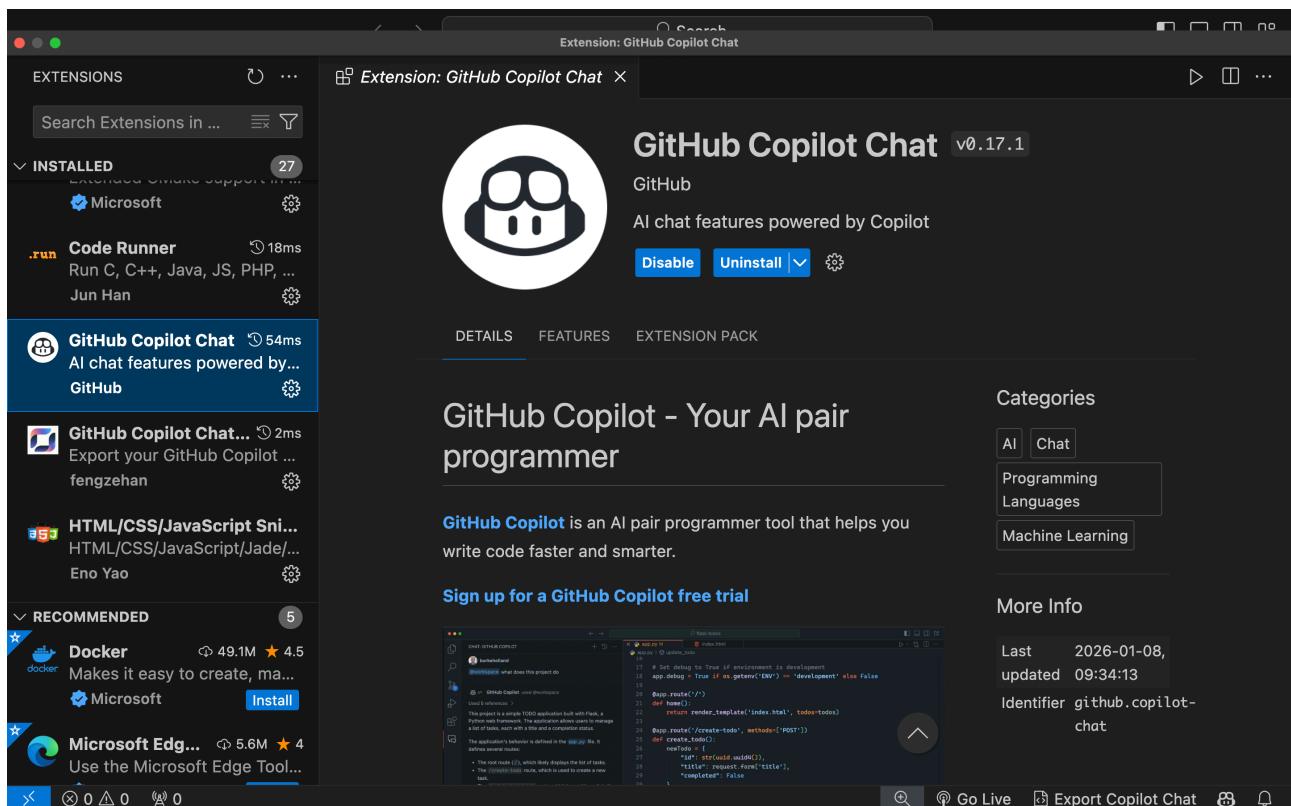


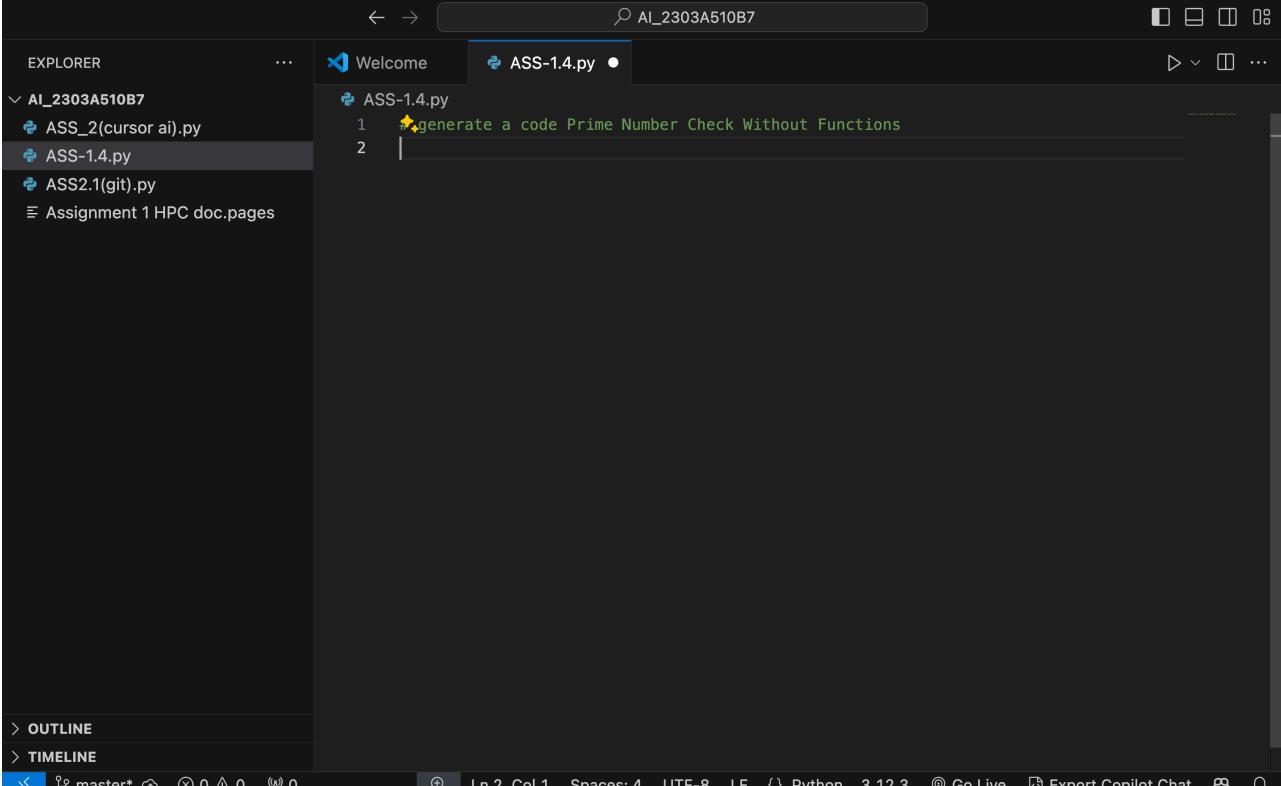
AI-Assisted Coding

2303A510B7(Harini)

Assignment-1.4

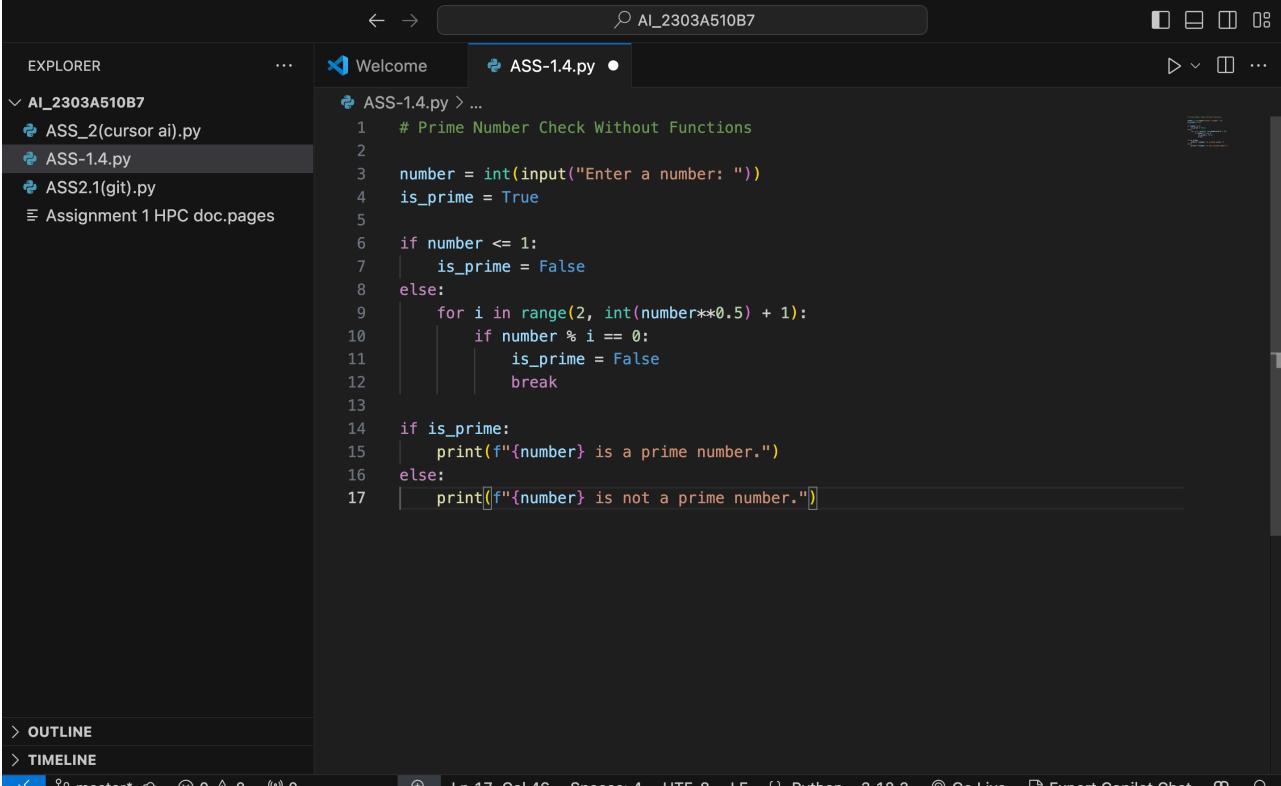


AI-Generated Logic Without Modularization (Prime Number Check Without Functions)



A screenshot of the Visual Studio Code interface. The title bar says "AI_2303A510B7". The Explorer sidebar shows a folder "AI_2303A510B7" containing files: "ASS_2(cursor ai).py", "ASS-1.4.py" (which is selected), and "ASS2.1(git).py". The "ASS-1.4.py" editor tab is open, showing the following code:

```
1  # generate a code Prime Number Check Without Functions
2
```



A screenshot of the Visual Studio Code interface, identical to the first one but with a different code snippet. The title bar says "AI_2303A510B7". The Explorer sidebar shows the same folder structure. The "ASS-1.4.py" editor tab is open, showing the following code:

```
1  # Prime Number Check Without Functions
2
3  number = int(input("Enter a number: "))
4  is_prime = True
5
6  if number <= 1:
7      is_prime = False
8  else:
9      for i in range(2, int(number**0.5) + 1):
10          if number % i == 0:
11              is_prime = False
12              break
13
14  if is_prime:
15      print(f"{number} is a prime number.")
16  else:
17      print(f"{number} is not a prime number.")
```

The screenshot shows a Microsoft Visual Studio Code (VS Code) interface. The title bar displays "AI_2303A510B7". The left sidebar shows a file tree with a folder "AI_2303A510B7" containing files: "ASS_2(cursor ai).py", "ASS-1.4.py" (selected), and "ASS2.1(git).py". Below the file tree are "OUTLINE" and "TIMELINE" buttons. The main area is a code editor titled "ASS-1.4.py" with the following content:

```
1 # Prime Number Check Without Functions
2
3 number = int(input("Enter a number: "))
4 is_prime = True
5
6 if number <= 1:
7     is_prime = False
8 else:
9     for i in range(2, int(number**0.5) + 1):
10         if number % i == 0:
11             is_prime = False
```

Below the code editor are tabs: PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL, and COMMENTS. The TERMINAL tab is selected, showing the command line output:

```
/usr/local/bin/python3 /Users/harini/Desktop/AI_2303A510B7/ASS-1.4.py
● (base) harini@HARINIS-MacBook-Air AI_2303A510B7 % /usr/local/bin/python3 /Users/harini/Desktop/AI_2
303A510B7/ASS-1.4.py
Enter a number: 15662
15662 is not a prime number.
○ (base) harini@HARINIS-MacBook-Air AI_2303A510B7 %
```

The status bar at the bottom shows: master*, Ln 17, Col 46, Spaces: 4, UTF-8, LF, Python 3.12.3, Go Live, Export Copilot Chat, and a bell icon.