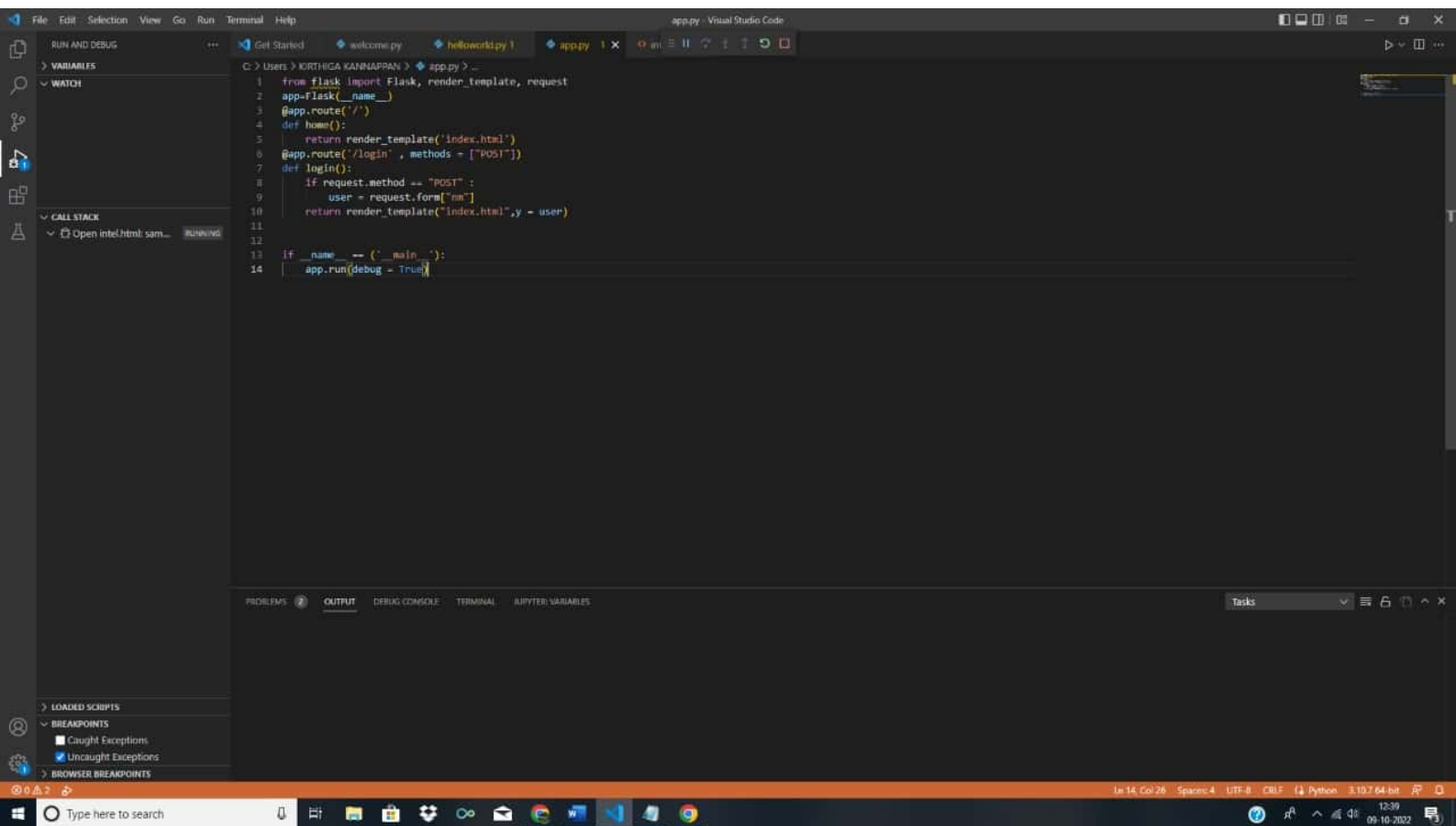
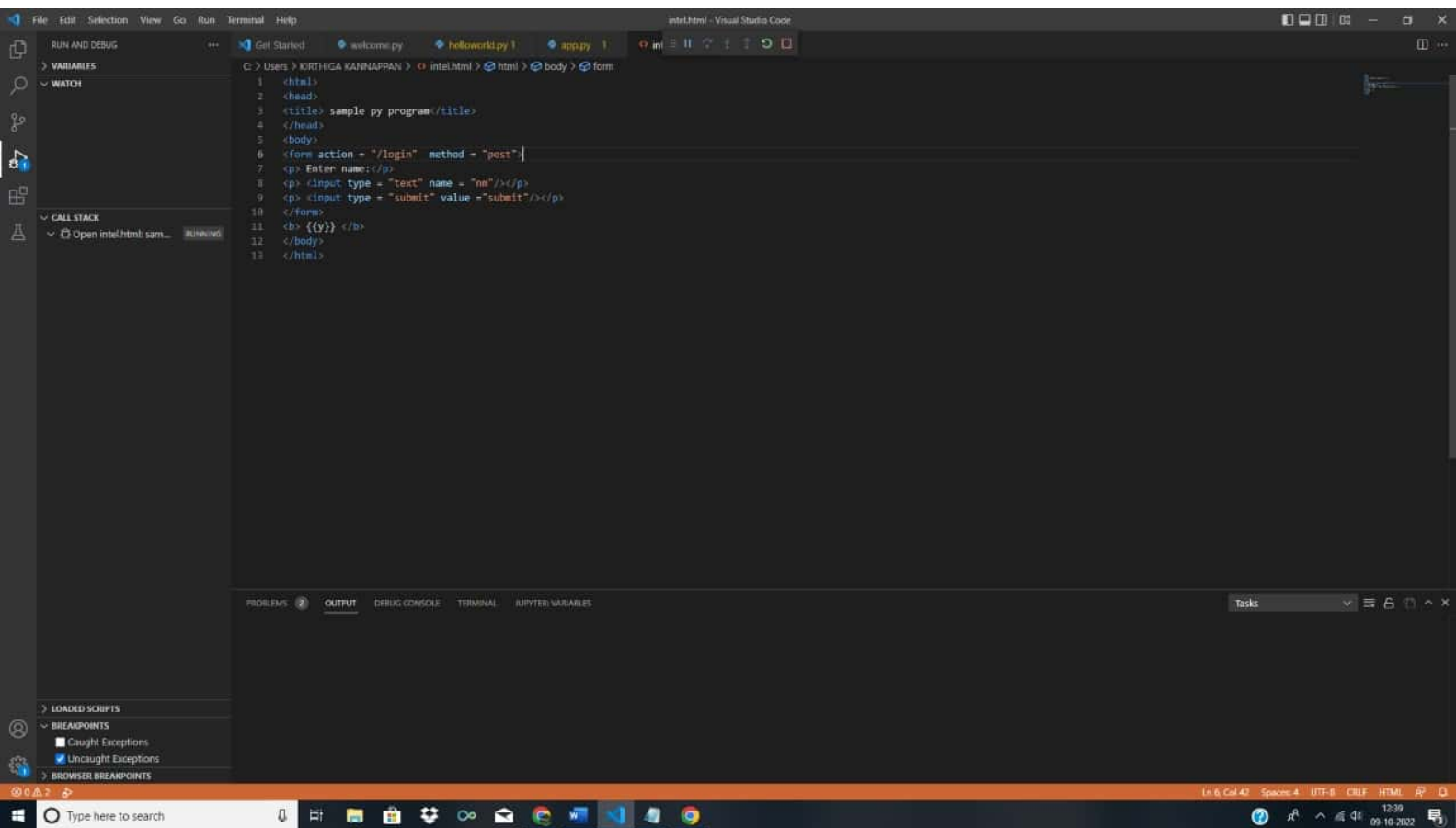
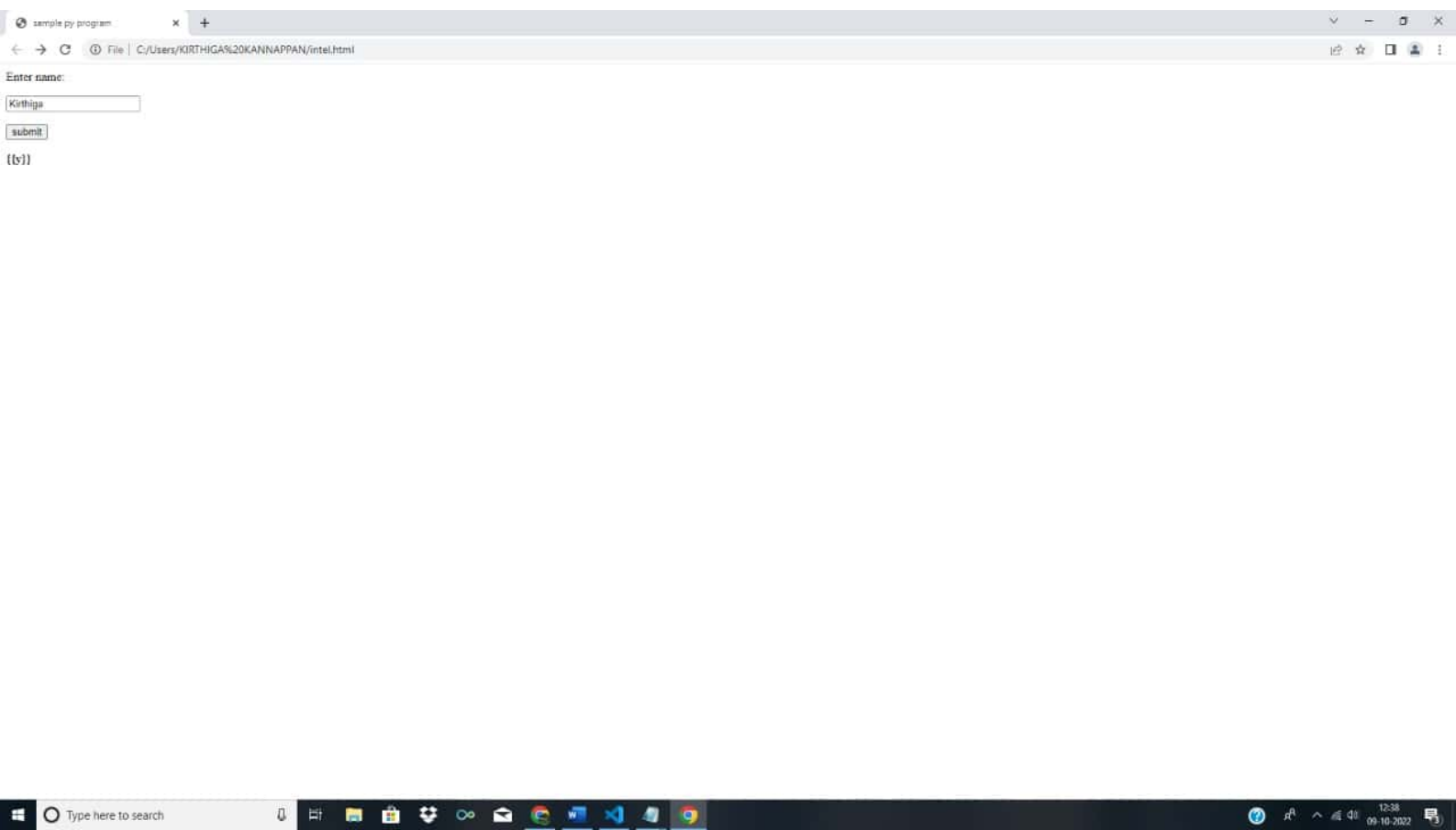


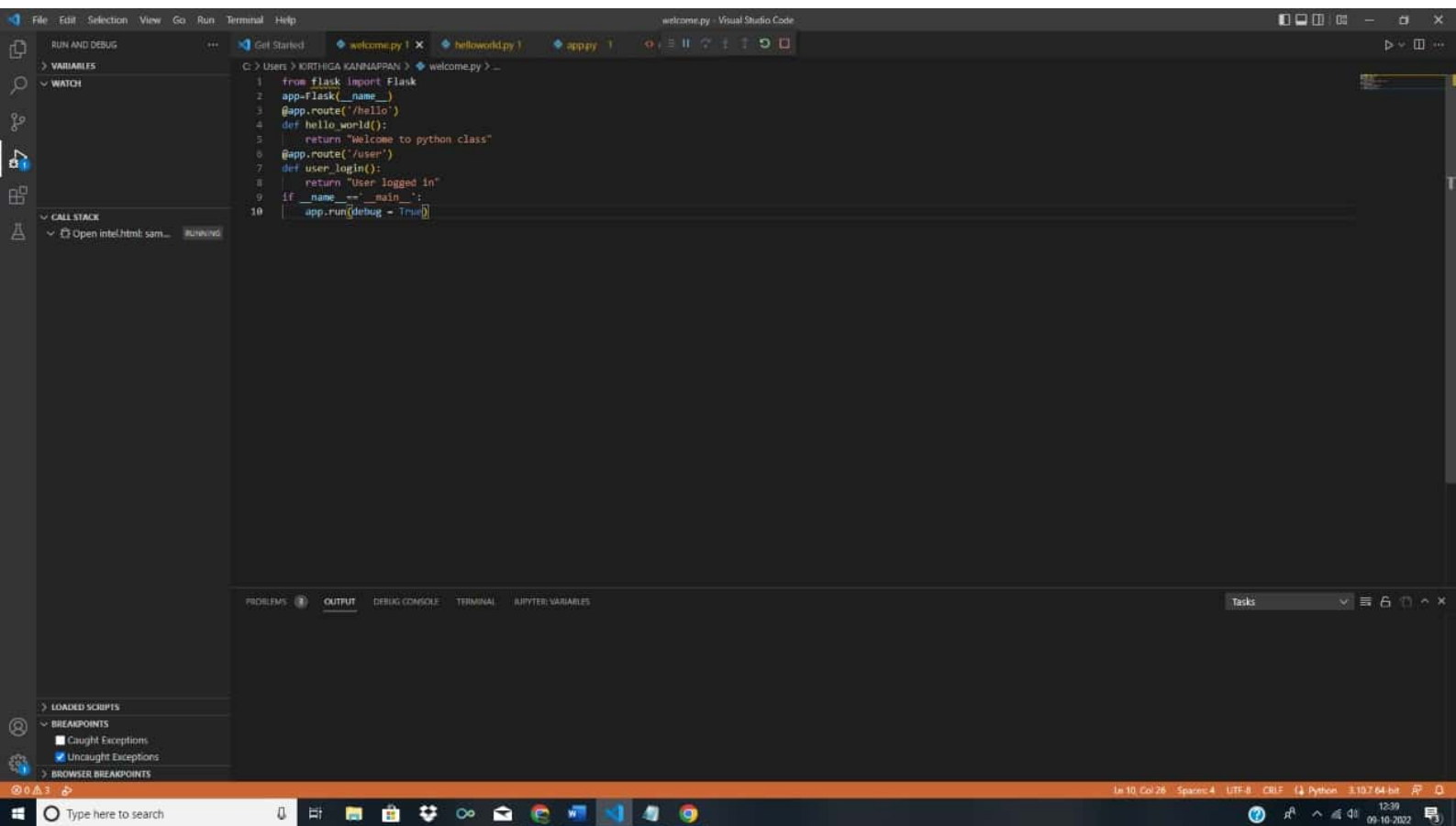
Assignment 3

- 1. Execute programs discussed on day 3**
- 2. Practice python programs in spyder and execute in terminal**
- 3. Practice flask sample programs**

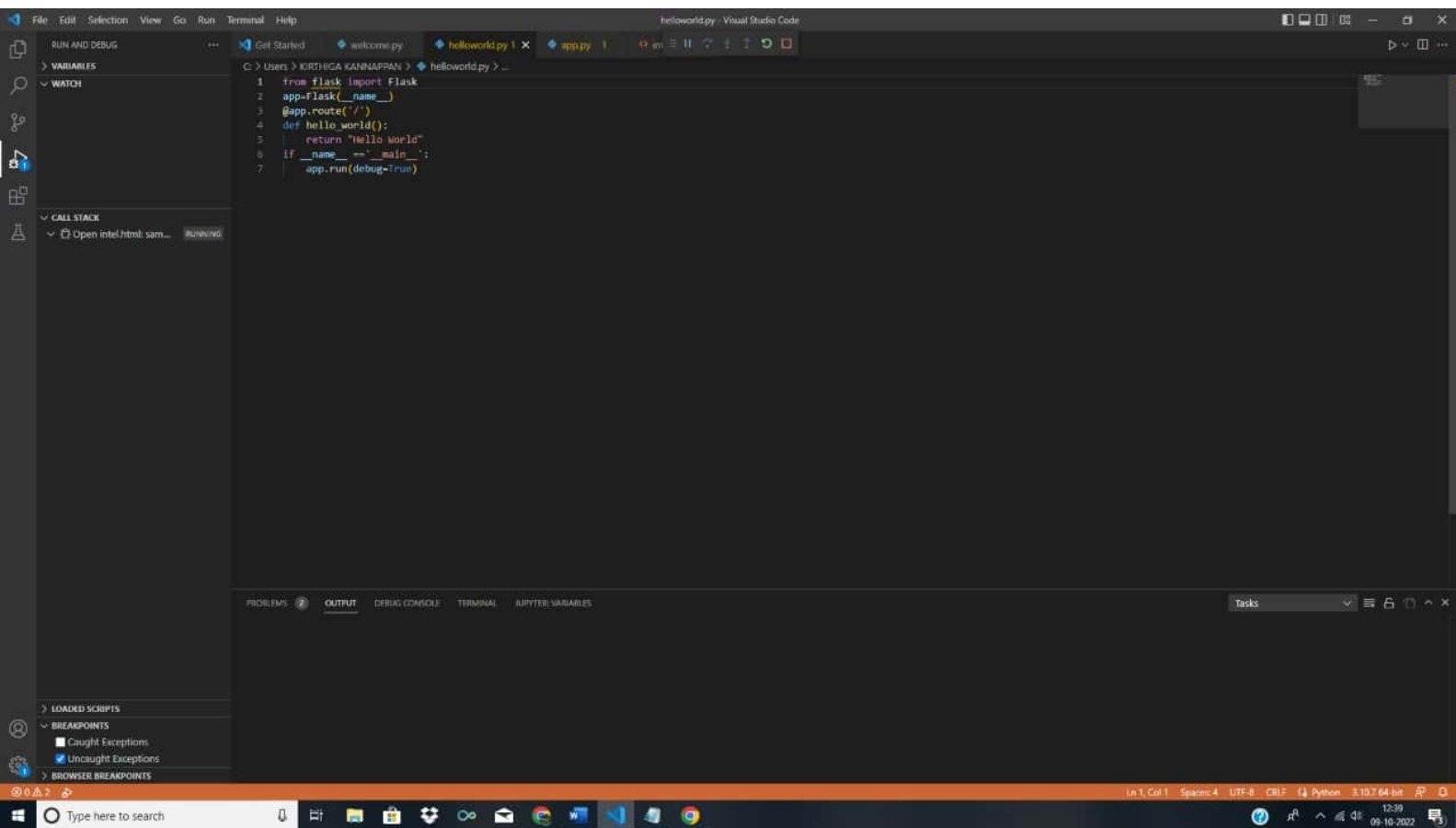




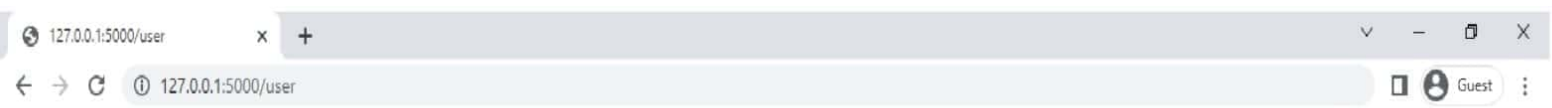


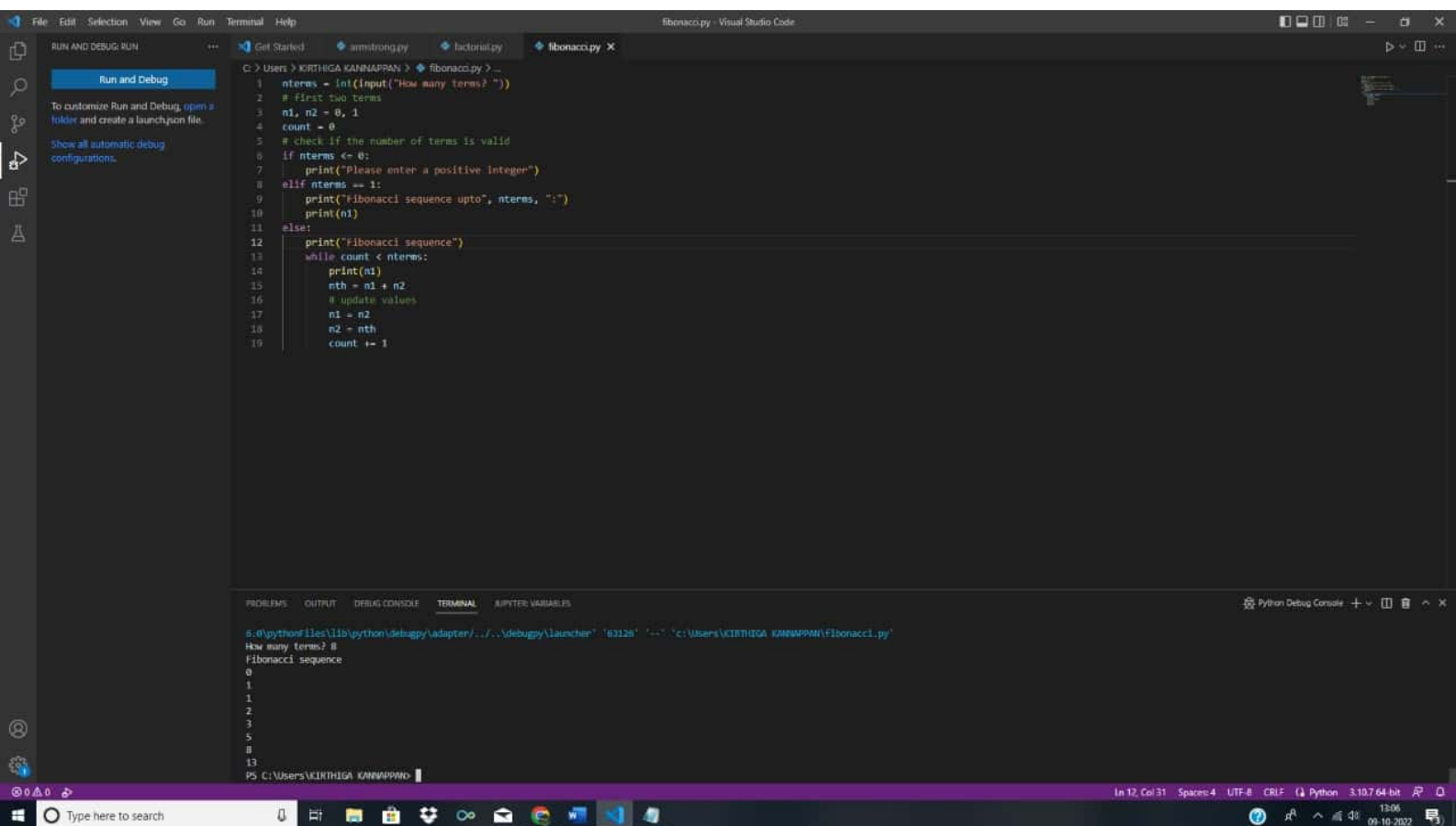












The image shows a Visual Studio Code editor window with a Python file named `linearsearch.py`. The code implements a linear search algorithm. The left sidebar shows the 'Run and Debug' panel with instructions to customize run and debug settings. The bottom panel shows the 'TERMINAL' tab with the execution output.

```
C:\Users\KIRITHIGA KANNAPPAN > cd linearsearch.py > ...
1 print("Enter 10 Numbers: ")
2 arr = []
3 for i in range(10):
4     arr.append(int(input()))
5 print("Enter the Number to Search: ")
6 num = int(input())
7 for i in range(10):
8     if num==arr[i]:
9         index = i
10        break
11 print("\nNumber Found at Index Number: ")
12 print(index)
```

TERMINAL

```
66
77
86
9
4
34
Enter the Number to Search:
5

Number Found at Index Number:
3
PS C:\Users\KIRITHIGA KANNAPPAN>
```

