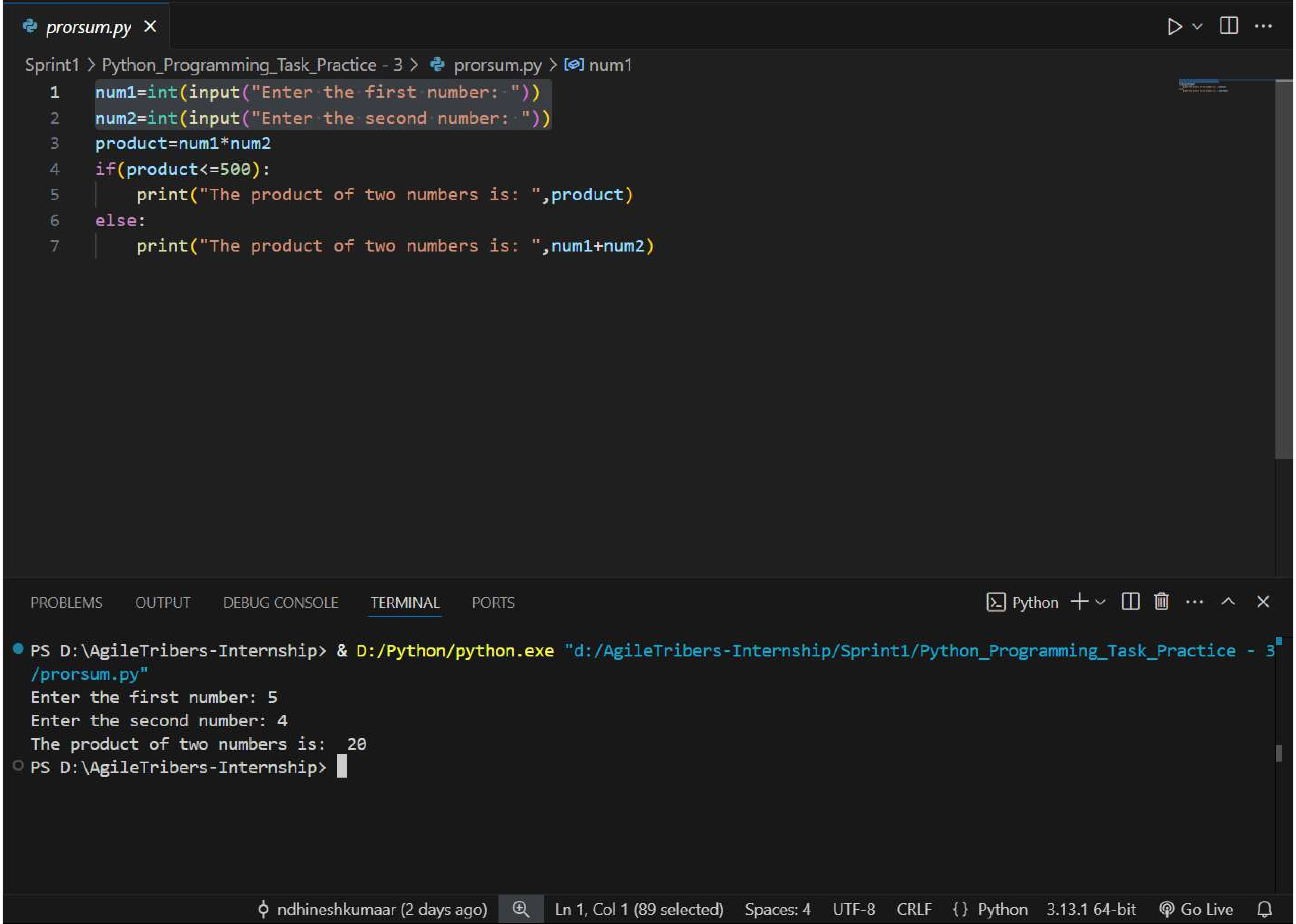
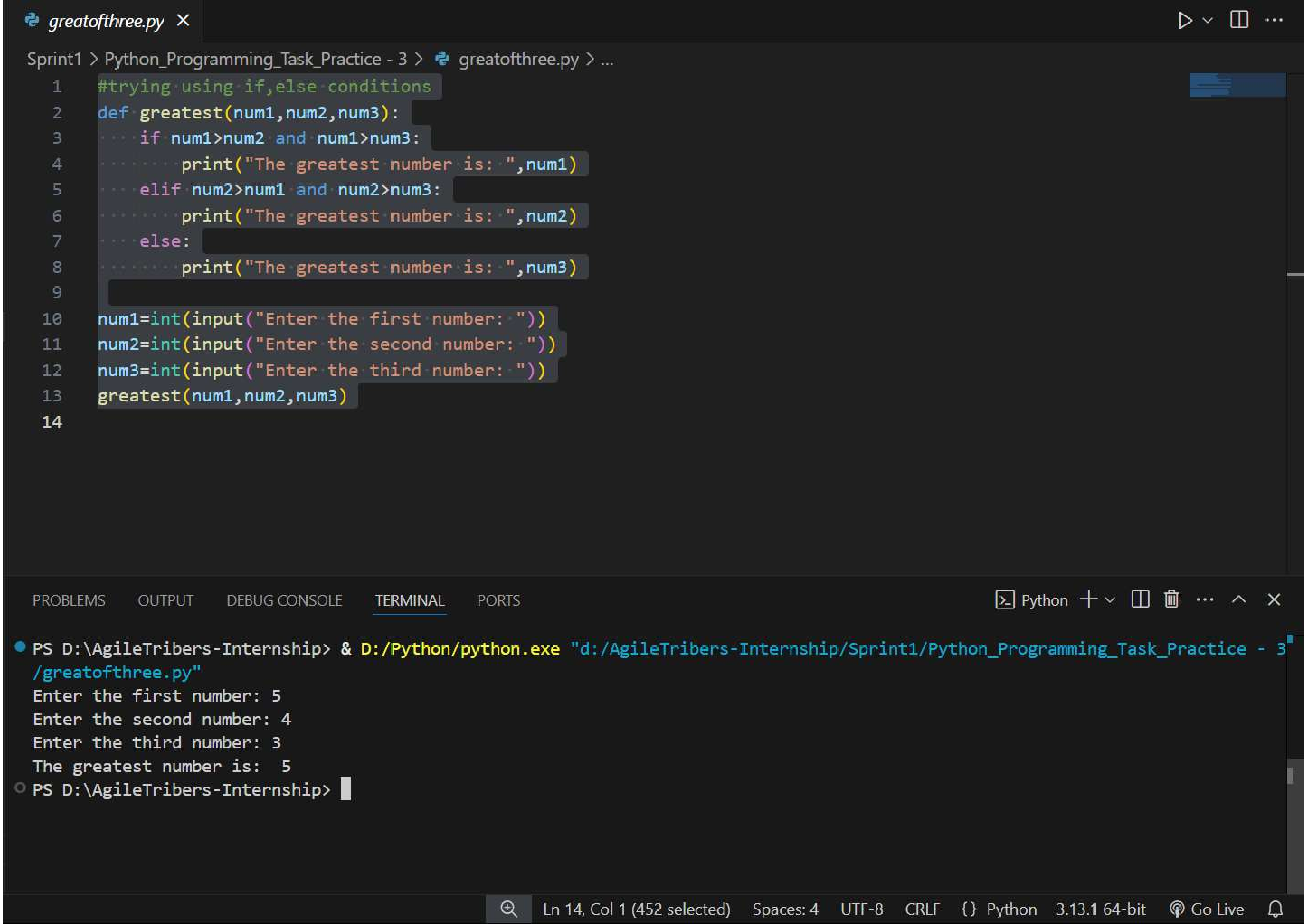


prorsum.py
Sprint1 > Python_Programming_Task_Practice - 3 > prorsum.py > num1
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Python
ndhineshkumaar (2 days ago)
Ln 1, Col 1 (89 selected)
Spaces: 4
UTF-8
CRLF
{} Python
3.13.1 64-bit
Go Live

```python
num1=int(input("Enter the first number: "))
num2=int(input("Enter the second number: "))
product=num1*num2
if(product<=500):
    print("The product of two numbers is: ",product)
else:
    print("The product of two numbers is: ",num1+num2)
```

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 3
/prorsum.py"
Enter the first number: 5
Enter the second number: 4
The product of two numbers is:  20
PS D:\AgileTribers-Internship> 
```

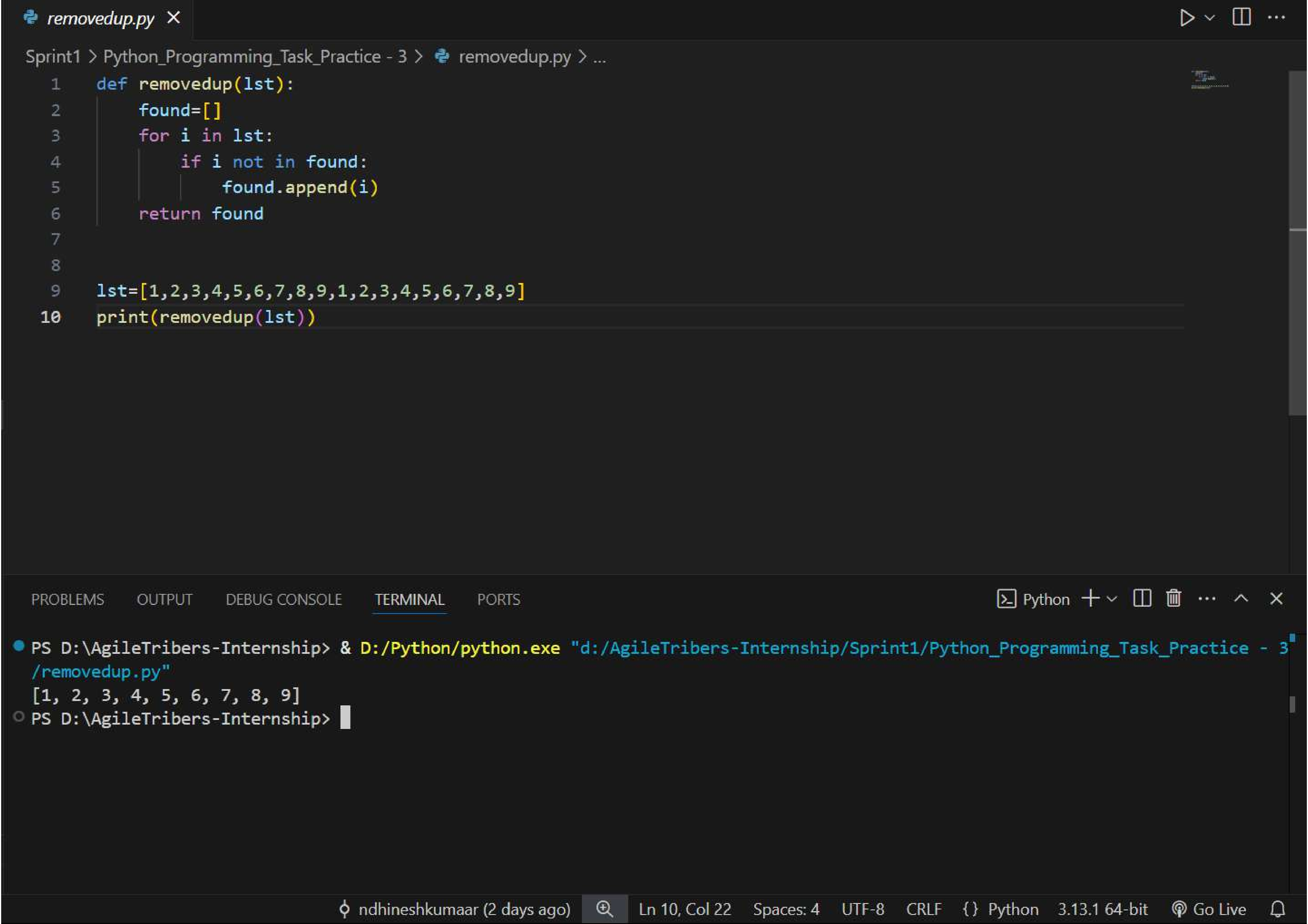


```python
#trying using if,else conditions
def greatest(num1,num2,num3):
    if num1>num2 and num1>num3:
        print("The greatest number is: ",num1)
    elif num2>num1 and num2>num3:
        print("The greatest number is: ",num2)
    else:
        print("The greatest number is: ",num3)

num1=int(input("Enter the first number: "))
num2=int(input("Enter the second number: "))
num3=int(input("Enter the third number: "))
greatest(num1,num2,num3)

```

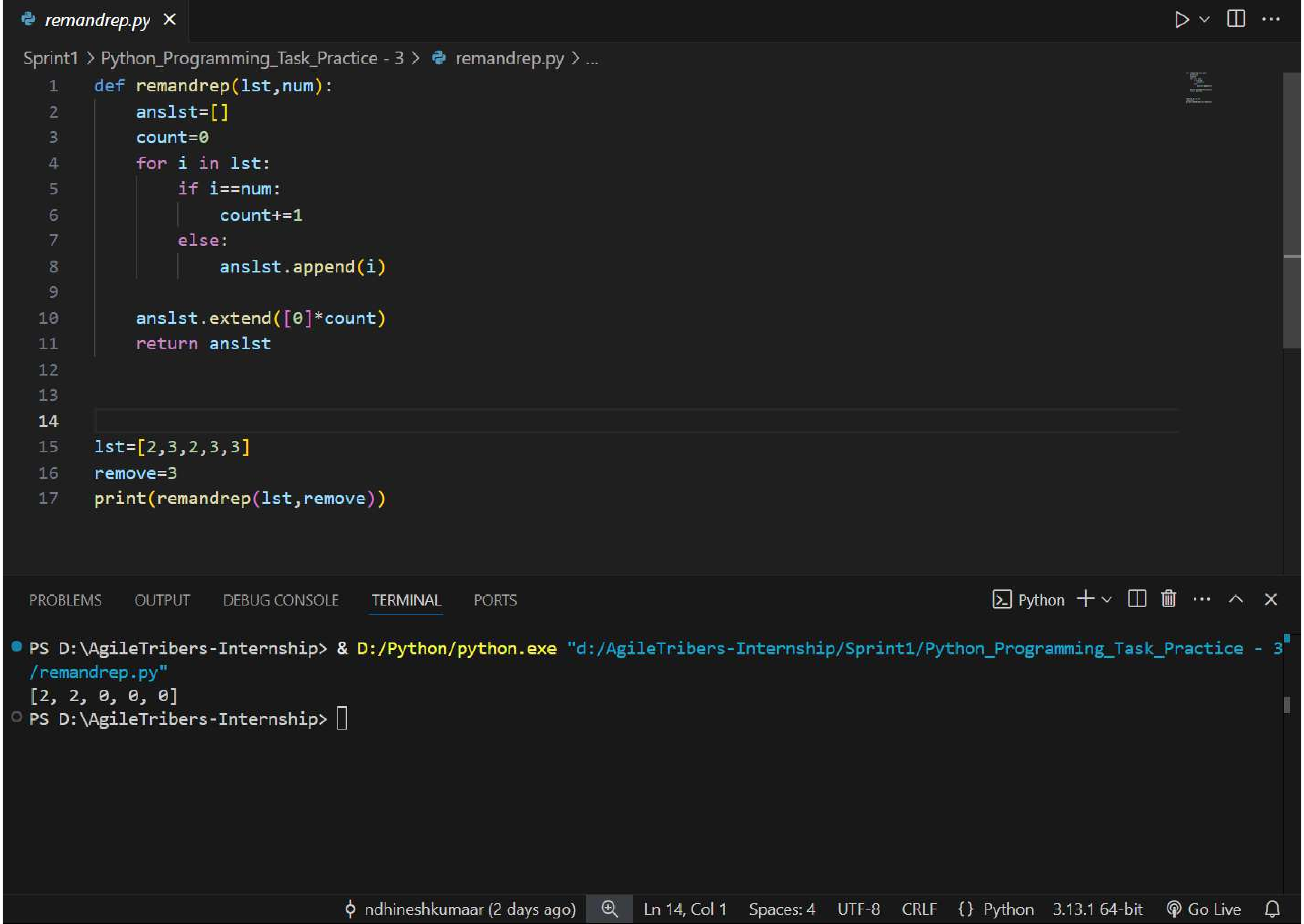
```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 3/greatofthree.py"
Enter the first number: 5
Enter the second number: 4
Enter the third number: 3
The greatest number is:  5
PS D:\AgileTribers-Internship> 
```



```python
def removedup(lst):
    found=[]
    for i in lst:
        if i not in found:
            found.append(i)
    return found


lst=[1,2,3,4,5,6,7,8,9,1,2,3,4,5,6,7,8,9]
print(removedup(lst))
```

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 3
/removedup.py"
[1, 2, 3, 4, 5, 6, 7, 8, 9]
PS D:\AgileTribers-Internship> 
```



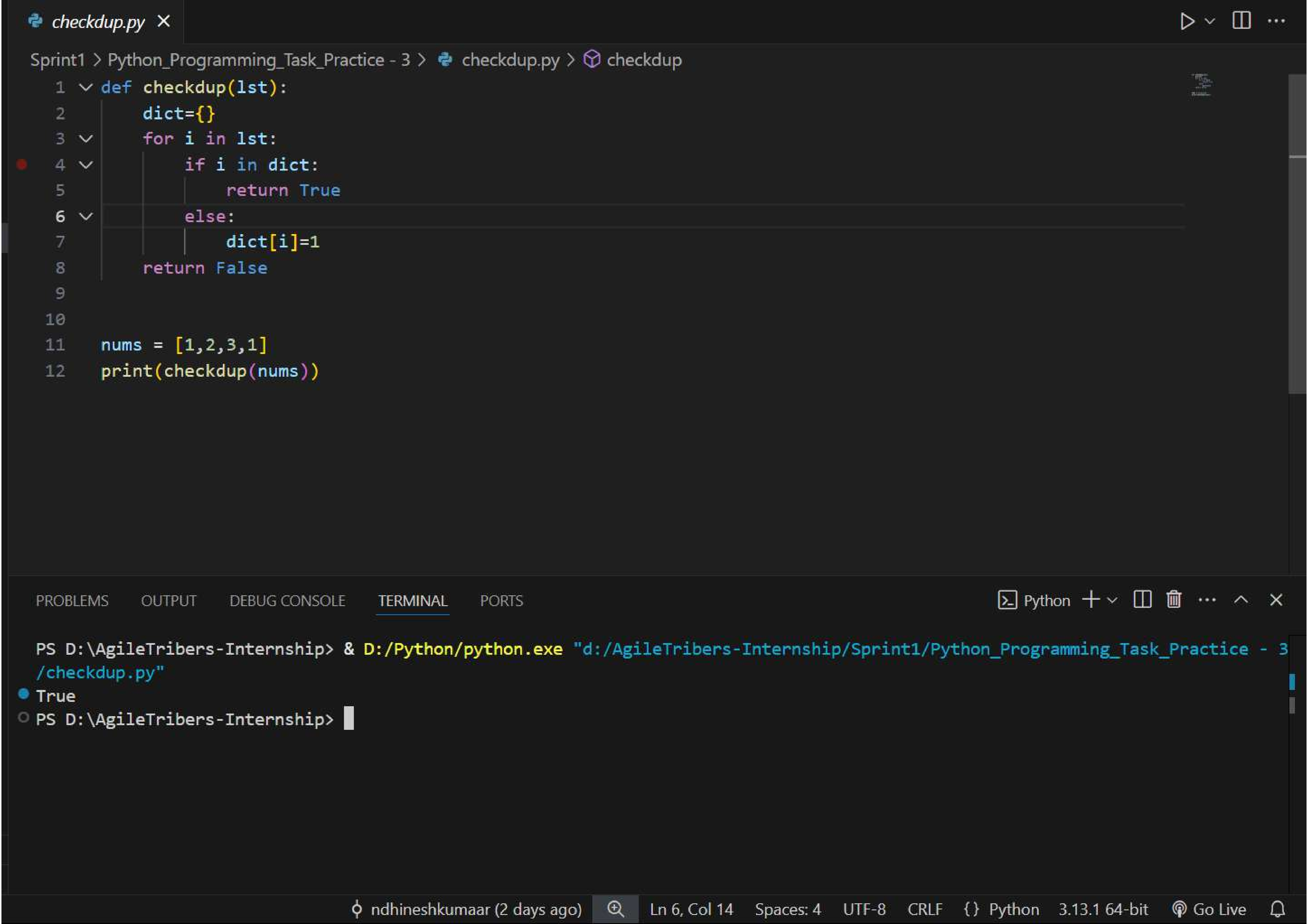
```python
def remandrep(lst,num):
    anslst=[]
    count=0
    for i in lst:
        if i==num:
            count+=1
        else:
            anslst.append(i)

    anslst.extend([0]*count)
    return anslst



lst=[2,3,2,3,3]
remove=3
print(remandrep(lst,remove))
```

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 3
/remandrep.py"
[2, 2, 0, 0, 0]
PS D:\AgileTribers-Internship> 
```

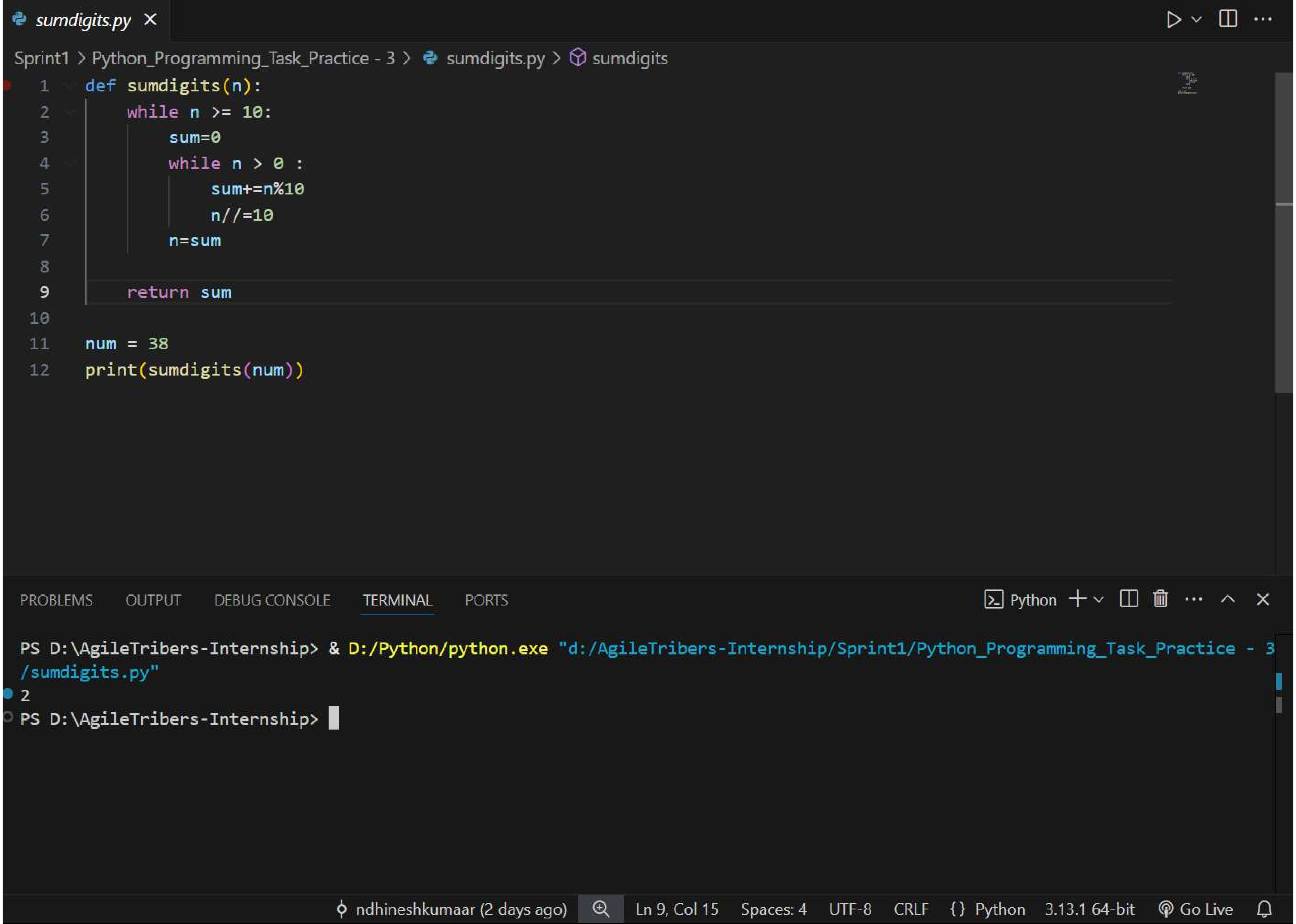


checkdup.py
Sprint1 > Python_Programming_Task_Practice - 3 > checkdup.py > checkdup

```python
def checkdup(lst):
    dict={}
    for i in lst:
        if i in dict:
            return True
        else:
            dict[i]=1
    return False


nums = [1,2,3,1]
print(checkdup(nums))
```

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 3
/checkdup.py"
True
PS D:\AgileTribers-Internship>
```

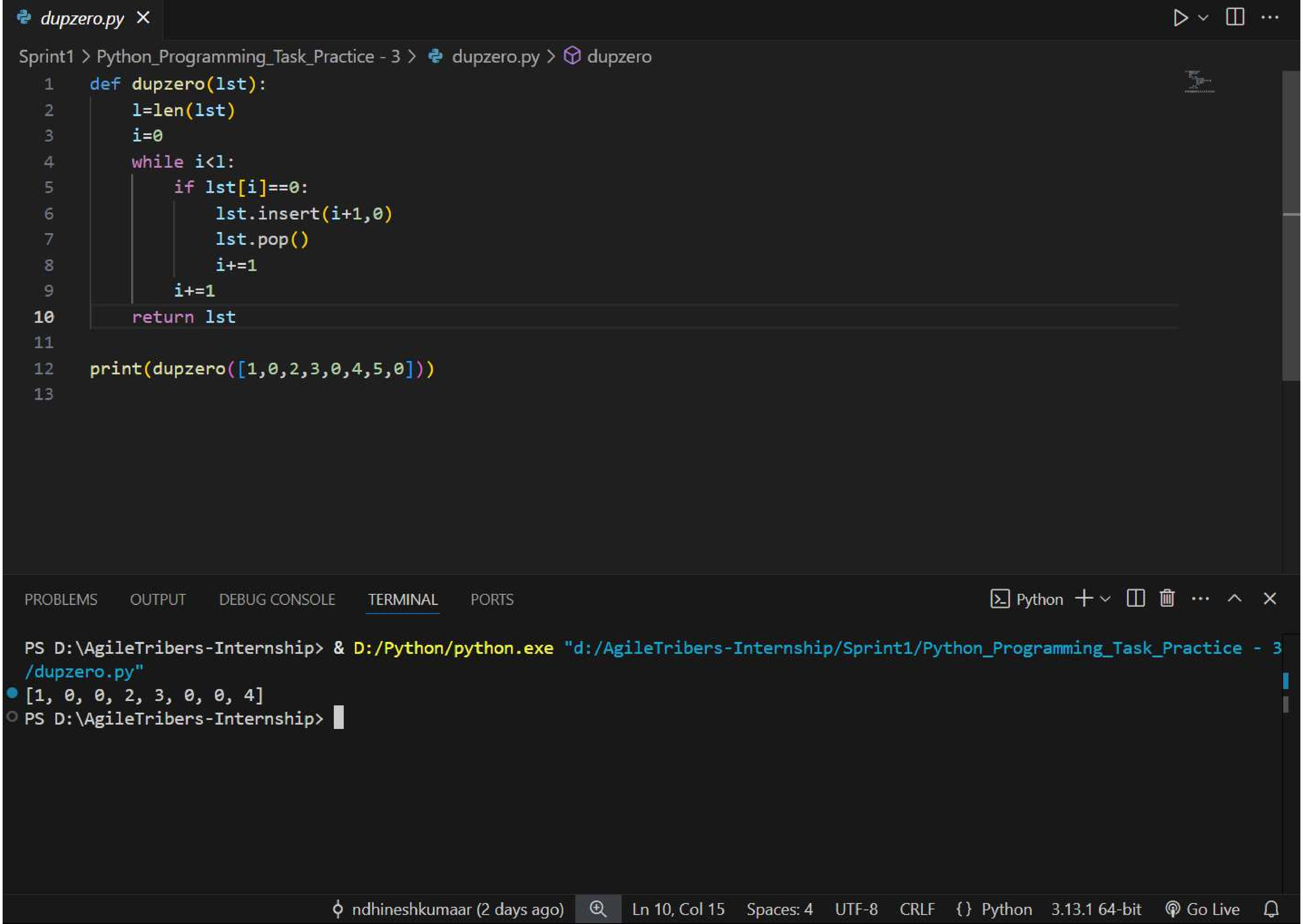


```python
def sumdigits(n):
    while n >= 10:
        sum=0
        while n > 0 :
            sum+=n%10
            n//=10
        n=sum

    return sum

num = 38
print(sumdigits(num))
```

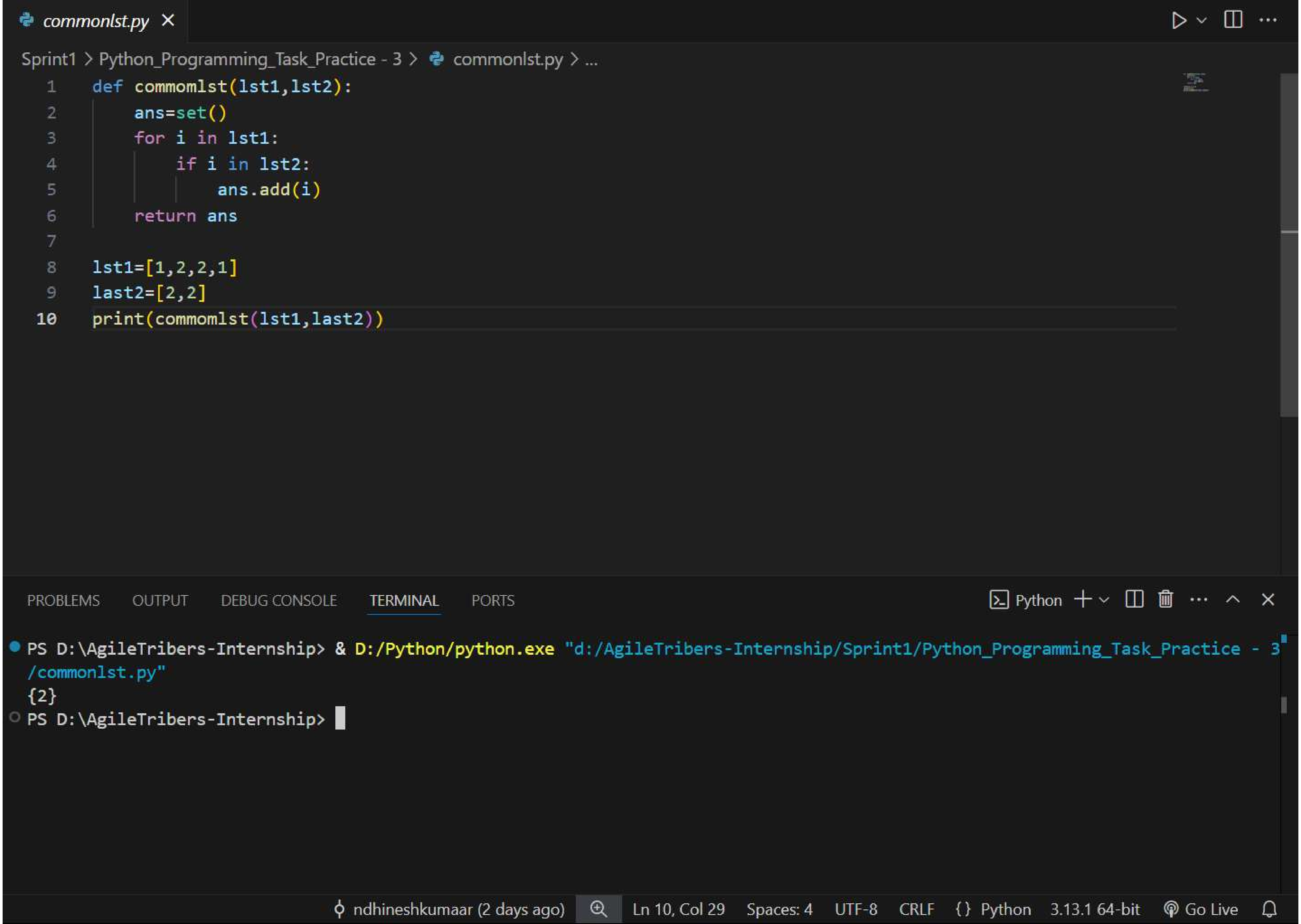
```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 3
/sumdigits.py"
2
PS D:\AgileTribers-Internship> 
```



```python
def dupzero(lst):
    l=len(lst)
    i=0
    while i<l:
        if lst[i]==0:
            lst.insert(i+1,0)
            lst.pop()
            i+=1
        i+=1
    return lst

print(dupzero([1,0,2,3,0,4,5,0]))
```

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 3/dupzero.py"
[1, 0, 0, 2, 3, 0, 0, 4]
PS D:\AgileTribers-Internship> 
```



```python
def commomlst(lst1,lst2):
    ans=set()
    for i in lst1:
        if i in lst2:
            ans.add(i)
    return ans

lst1=[1,2,2,1]
last2=[2,2]
print(commomlst(lst1,last2))
```

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 3/commonlst.py"
{2}
PS D:\AgileTribers-Internship>
```