

python > test1.py > assignment.py > assignment5.py > question2.py > ...

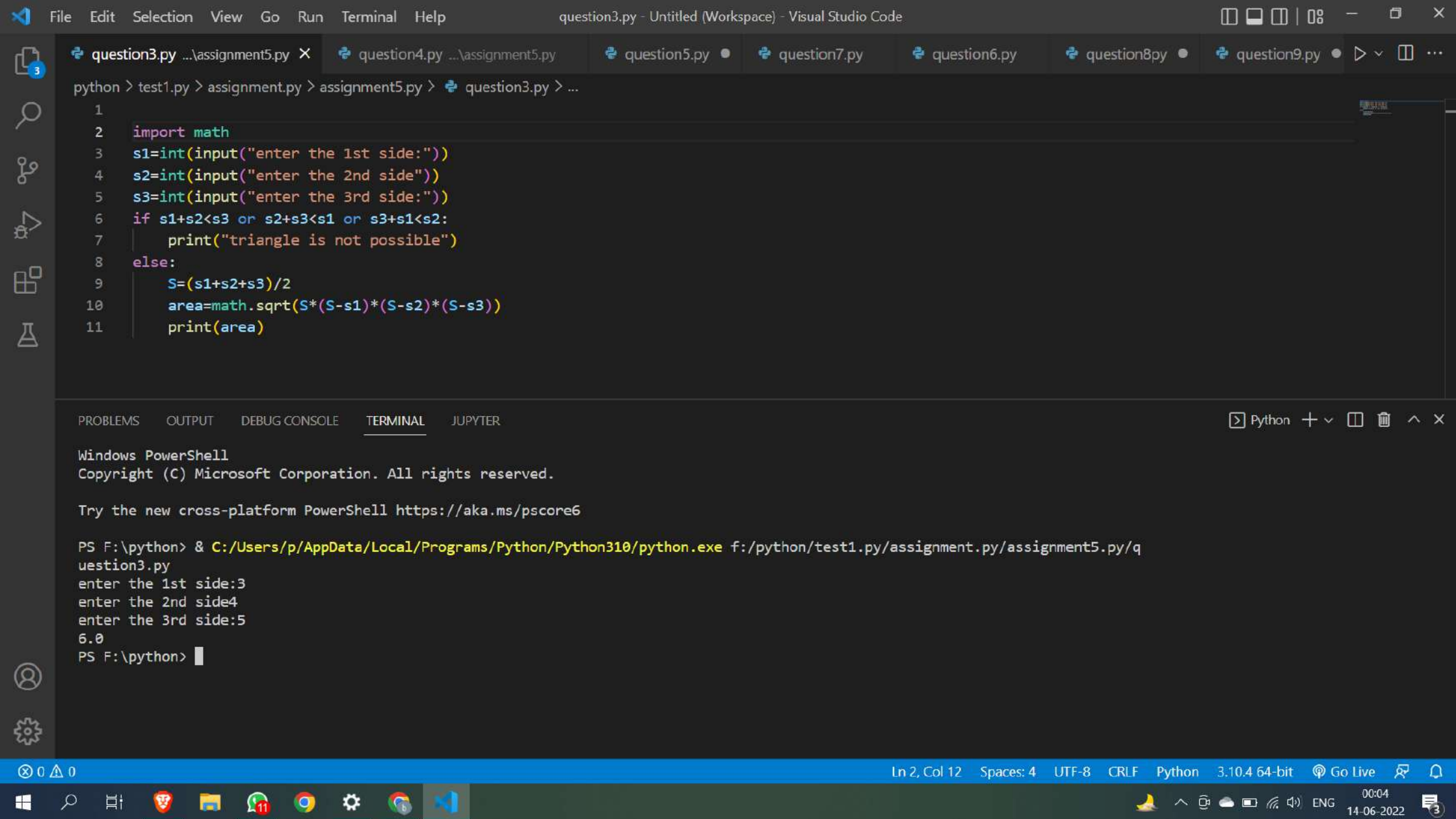
```
1 low=int(input("enter lower limit of range:"))
2 upper=int(input("enter upper limit of range:"))
3 divisor=int(input("enter the divisor:"))
4 for i in range (low,upper):
5     if i%divisor==0:
6         print(i)
7
8
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Python + - [ ] [X] ^ X

Try the new cross-platform PowerShell <https://aka.ms/pscore6>

```
PS F:\python> & C:/Users/p/AppData/Local/Programs/Python/Python310/python.exe f:/python/test1.py/assignment.py/assignment5.py/q
uestion2.py
enter lower limit of range:2
enter upper limit of range:28
enter the divisor:3
3
6
9
12
15
18
21
24
27
PS F:\python>
```



python > test1.py > assignment.py > assignment5.py > question4.py > ...

```
1 n=5
2 for i in range(n):
3     for j in range(i+1):
4         print('*',end=' ')
5     print()
6 for i in range(5,10):
7     for j in range(9-i):
8         print('*',end=' ')
9     print()
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Python + - [ ] [X] ^ X

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PS F:\python> & C:/Users/p/AppData/Local/Programs/Python/Python310/python.exe f:/python/test1.py/assignment.py/assignment5.py/question4.py

```
*
* *
* * *
* * * *
* * * * *
* * * *
* * *
* *
*
```

PS F:\python>

python > test1.py > assignment.py > assignment5.py > question5.py > ...

```
1 n=int(input('enter the number of rows:'))
2 k=ord('A')
3 for i in range(n):
4     for j in range(i+1):
5         print(chr(k),end=' ')
6         k+=1
7     print()
8
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Python + - [ ] [X] ^ X

Windows PowerShell

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PS F:\python> & C:/Users/p/AppData/Local/Programs/Python/Python310/python.exe f:/python/test1.py/assignment.py/assignment5.py/q  
uestion5.py

enter the number of rows:6

A  
B C  
D E F  
G H I J  
K L M N O  
P Q R S T U  
PS F:\python> |



python > test1.py > assignment.py > assignment5.py > question6.py > ...

```
1 lower=int(input('enter lower bound:'))
2 upper=int(input('enter upper bound:'))
3
4 for num in range(lower, upper + 1):
5     if num > 1:
6         for i in range(2, num):
7             if (num % i) == 0:
8                 break
9         else:
10            print(num)
11
12
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

question6.py  
enter lower bound:1  
enter upper bound:50  
2  
3  
5  
7  
11  
13  
17  
19  
23  
29  
31  
37  
41  
43  
47  
PS F:\python>

Python + -

python > test1.py > assignment.py > assignment5.py > question7.py > ...

```
1 for i in range(1,500):
2     if i % 7==0 and i%11==0:
3         print(i)
4
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Windows PowerShell

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PS F:\python> & C:/Users/p/AppData/Local/Programs/Python/Python310/python.exe f:/python/test1.py/assignment.py/assignment5.py/question7.py

77

154

231

308

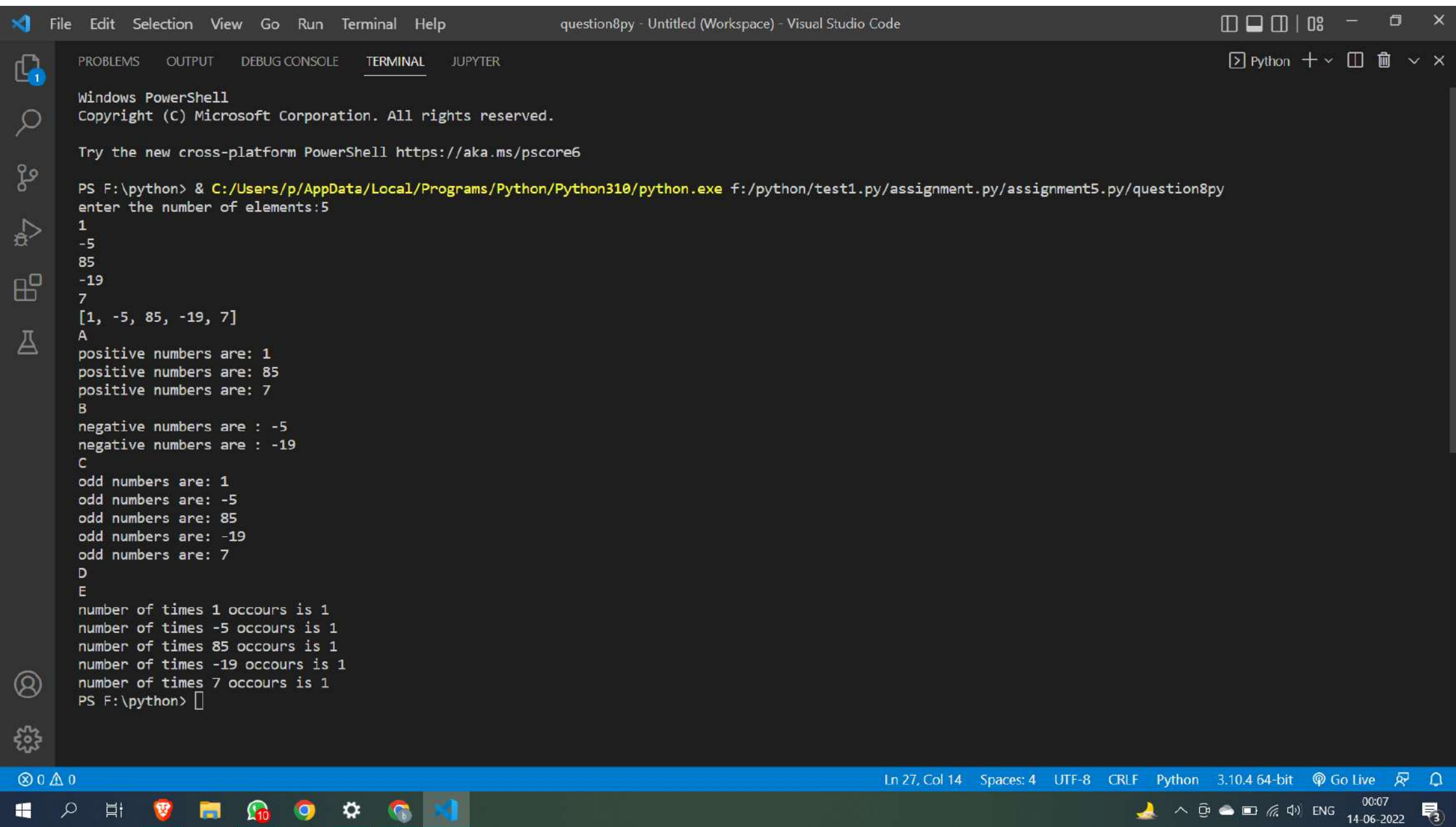
385

462

PS F:\python>

```
python > test1.py > assignment.py > assignment5.py > question8py > ...
1 from itertools import count
2 a=[]
3 n= int(input('enter the number of elements:'))
4 for i in range (0,n):
5     e=int(input())
6
7     a.append(e)
8
9 print(a)
10 print('A')
11 for num in a:
12     if num>0:
13         print('positive numbers are:',num)
14 print('B')
15 for num in a:
16     if num<0:
17         print('negative numbers are :',num)
18 print('C')
19 for num in a:
20     if num%2!=0:
21         print('odd numbers are:',num)
22 print('D')
23 for num in a:
24     if num%2==0:
25         print('even numbers are:',num)
26 print('E')
27 for num in a:
28     print('number of times',num,'occours is',a.count(num))
```





python > test1.py > assignment.py > assignment5.py > question9.py > ...

```

1  a=[]
2  n= int(input('enter the number of elements:'))
3  for i in range (0,n):
4      e=(input())
5
6      a.append(e)
7
8  print(a)
9  for ele in a:
10     print("word",ele,"occours ",a.count(ele),'time')
11

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Python + - [ ] [X] [Y] [Z]

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```

PS F:\python> & C:/Users/p/AppData/Local/Programs/Python/Python310/python.exe f:/python/test1.py/assignment.py/assignment5.py/question9.py
enter the number of elements:5
python
java
c+
java
python
['python', 'java', 'c+', 'java', 'python']
word python occurs 2 time
word java occurs 2 time
word c+ occurs 1 time
word java occurs 2 time
word python occurs 2 time
PS F:\python>

```