

1

EXPLORER

...

OPEN EDITORS

1 UNSAVED

5a.py

E:\College\python

Untitled-1

NO FOLDER OPENED

OUTLINE

TIMELINE

5a.py

Untitled-1

E: > College > python > 5a.py > ...
1
2 str = "Hello this is a string for reversing the string"
3 print ("The original string is : ",str)
4
5 reverse_string = ""
6 count = len(str)
7
8 while count > 0:
9 reverse_string += str [count - 1] |
10 count = count - 1
11
12 print ("The reversed string using a while loop is : ",reverse_string)

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PS E:\College\python> e::; cd 'e:\College\python'; & 'C:\Users\Sachin Singh\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\Sachin Singh\.vscode\extensions\ms-python.python-2022.6.2\pythonFiles\lib\python\debugpy\launcher' '54069' '--' 'e:\College\python\5a.py'
The original string is : Hello this is a string for reversing the string
The reversed string using a while loop is : gnirts eht gnisrever rof gnirts a si siht olleH
PS E:\College\python>

+ v ^ x

powershell

Python

Python

Python

Python De...

Python De...

Python

0 0 0

Type here to search

File Explorer

Task View

Search

Discord

Spotify

Edge

Chrome

VS Code

Steam

Ln 9, Col 41

Spaces: 4

UTF-8

CRLF

Python

3.10.4 64-bit

88%

36°C Mostly clear

ENG

21:15

09-06-2022

1

EXPLORER

...

OPEN EDITORS1 UNSAVED

5a.pyE:\College\python

5b.pyE:\College\python

Untitled-1

NO FOLDER OPENED

OUTLINE

TIMELINE

5b.py

5b.py

Untitled-1

E: > College > python > 5b.py > ...

1

2l = int(input("lower limit of the range: ",))

3

4h = int(input("higher limit of the range: "))

5h += 1

6

7a = int(input("the number to be divided by: "))

8

9i= 1

10for i in range(1,h):

11 if i%a==0:

12 print(i)

13 i += 1

14

15

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PS E:\College\python> e:: cd 'e:\College\python'; & 'C:\Users\Sachin Singh\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\Sachin Singh\.vscode\extensions\ms-python.python-2022.6.2\pythonFiles\lib\python\debugpy\launcher' '54015' '--' 'e:\College\python\5b.py'

lower limit of the range: 10

higher limit of the range: 22

the number to be divided by: 3

12

15

18

21

PS E:\College\python>

+ ^ ^ X

powershell

Python

Python

Python

Python De...

Python De...

Python

Ln 15, Col 5Spaces: 4UTF-8CRLFPython3.10.4 64-bit

88%

36°C Mostly clear

21:1509-06-2022

FileEditSelectionViewGoRunTerminalHelp

5c.py - Visual Studio Code

1

EXPLORER

...

OPEN EDITORS1 UNSAVED

5a.pyE:\College\python

5b.pyE:\College\python

5d.pyE:\College\python2

5c.pyE:\College\python

Untitled-1

NO FOLDER OPENED

OUTLINE

TIMELINE

5a.py5b.py5d.py25c.pyXUntitled-1

E: > College > python > 5c.py > ...

1

2a=int(input("Enter first side: "))

3b=int(input("Enter second side: "))

4c=int(input("Enter third side: "))

5

6l= a+b

7m= b+c

8n= c+a

9

10if ((c<l)and(a<m)and(b<n)):

11s=(a+b+c)/2

12area=((s*(s-a)*(s-b)*(s-c)))**0.5

13print("Area of the triangle is: ", area)

14

15else:

16print("The triangle is not possible!")

17

PROBLEMS2OUTPUTDEBUG CONSOLETERMINAL

n Singh\.vscode\extensions\ms-python.python-2022.6.2\pythonFiles\lib\python\debugpy\launcher' '53847' '--' 'e:\College\python\5c.py'

Enter first side: 10

Enter second side: 10

Enter third side: 20

The triangle is not possible!

PS E:\College\python> e;; cd 'e:\College\python'; & 'C:\Users\Sachin Singh\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\Sachin Singh\.vscode\extensions\ms-python.python-2022.6.2\pythonFiles\lib\python\debugpy\launcher' '53899' '--' 'e:\College\python\5c.py'

Enter first side: 10

Enter second side: 11

Enter third side: 12

Area of the triangle is: 51.521233486786784

PS E:\College\python>

+ ^ x

powershell

Python

Python

Python

Python De...

Python De...

Python

Ln 17, Col 4Tab Size: 4UTF-8CRLFPython3.10.4 64-bit

89%

36°C Mostly clear

21:1409-06-2022

A screenshot of the Visual Studio Explorer sidebar. The 'OPEN EDITORS' tab is active, showing a list of open files: 5a.py, 5b.py, 5d.py (highlighted in red), and Untitled-1. A badge indicates '1 UNSAVED'. Below the list are buttons for 'NO FOLDER OPENED', 'OUTLINE', and 'TIMELINE'.

E: > College > python > 5d.py > ...

```
1
2     n=5
3     for i in range(n):
4         for j in range(i):
5             print('*', end="")
6             print('\n')
7
8     for i in range(n,0,-1):
9         for j in range(i):
10            print('*', end="")
11            print('\n')
12
```

```

*
* *
* * *
* * * *
* * * * *
* * * * *
* * * *
* * *
* *
*

```

```
PS E:\College\python> 
```

- > powershell
- > Python
- > Python
- > Python
- ✗ Python De...
- ✗ Python De...
- > Python

5e.py

×

E: > College > python > 5e.py > ...

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

```
row=int(input("Enter the number of rows: "))
n=0
for i in range(0,row+1):
    for j in range(i):
        if n==26:
            n=0
        else:
            pass
        y=chr(65+n)
        print(y,end="")
        n+=1
print("")
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PS E:\College\python> e:: cd 'e:\College\python'; & 'C:\Users\Sachin Singh\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\Sachin Singh\.vscode\extensions\ms-python.python-2022.8.0\pythonFiles\lib\python\debugpy\launcher' '58950' '--' 'e:\College\python\5e.py'
Enter the number of rows: 9

A
BC
DEF
GHIJ
KLMNO
PQRSTU
VWXYZAB
CDEFGHIJ
KLMNOPQRS
PS E:\College\python>

EXPLORED

...

OPEN EDITORS

5e.py E:\College\python

NO FOLDER OPENED

OUTLINE

TIMELINE

File

Edit

Selection

View

Go

Run

Terminal

Help

5e.py - Visual Studio Code

100%

Very hot outside

17:41

15-06-2022

FileEditSelectionViewGoRunTerminalHelp

5f.py - Visual Studio Code

5a.py5b.py5d.py25c.py5f.pyX5f.py5h.pyUntitled-1

1

EXPLORER

OPEN EDITORS1 UNSAVED

5a.pyE:\College\python

5b.pyE:\College\python

5d.pyE:\College\python2

5c.pyE:\College\python

X 5f.pyE:\College\python

5f.pyE:\College\python

5h.pyE:\College\python

• Untitled-1

NO FOLDER OPENED

OUTLINE

TIMELINE

E: > College > python > 5f.py > ...

1

2l = int(input ("Enter the Lowest Range Value: "))

3u = int(input ("Enter the Upper Range Value: "))

4

5print ("The Prime Numbers in the range are: ")

6for number in range (1, u + 1):

7 if number > 1:

8 for i in range (2, number):

9 if (number % i) == 0:

10 break

11 else:

12 print (number)

PROBLEMS2OUTPUTDEBUG CONSOLETERMINAL

Enter the Lowest Range Value: 100
Enter the Upper Range Value: 215
The Prime Numbers in the range are:
101
103
107
109
113
127
131
137
139
149
151
157
163
167
173
179
181
191
193
197
199
211
PS E:\College\python>

+ ^ X

powershell

Python

Python

Python

Python De...

Python De...

Python

20

Ln 12, Col 29Spaces: 4UTF-8CRLFPython3.10.4 64-bit

Type here to search

90%

36°C Mostly clear

21:1409-06-2022

FileEditSelectionViewGoRunTerminalHelp

1

EXPLORER

...

OPEN EDITORS1 UNSAVED

5a.pyE:\College\python

5b.pyE:\College\python

5d.pyE:\College\python2

5c.pyE:\College\python

5f.pyE:\College\python

5f.pyE:\College\python

5h.pyE:\College\python

Untitled-1

NO FOLDER OPENED

OUTLINE

TIMELINE

5a.py5b.py5d.py25c.py5f.py5f.pyX5h.pyUntitled-1

E: > College > python > 5f.py > ...

1

2

3

4

5

6

7

8

print("the numbers which are multiple of 7 and divisible by 11 in the range 1-500 are: ")

for number in range(1,500):

if (number%7 ==0 and number%11 ==0):

print(number)

PROBLEMS2OUTPUTDEBUG CONSOLETERMINAL

ConnectionRefusedError: [WinError 10061] No connection could be made because the target machine actively refused it

the numbers which are multiple of 7 and divisible by 11 in the range 1-500 are:

77

154

231

308

e:; cd 'e:\College\python'; & 'C:\Users\Sachin Singh\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\Sachin Singh\.vscode\extensions\ms-python.python-2022.6.2\pythonFiles\lib\python\debugpy\launcher' '53092' '--' 'e:\College\python\5f.py'

+ ^ X

powershell

Python

Python

Python

Python De...

Python De...

Python

20

Ln 7, Col 9Spaces: 4UTF-8CRLFPython3.10.4 64-bit

91%

36°C Mostly clear

21:1209-06-2022

FileEditSelectionViewGoRunTerminalHelp

5h.py - Visual Studio Code

5a.py5b.py5d.py25c.py5f.py5f.py5h.pyXUntitled-1

5a.py E:\College\python5b.py E:\College\python5d.py E:\College\python5c.py E:\College\python5f.py E:\College\python5f.py E:\College\python5h.py E:\College\pythonXUntitled-1

NO FOLDER OPENEDOUTLINETIMELINE

1 UNSAVED

5a.py E:\College\python5b.py E:\College\python5d.py E:\College\python5c.py E:\College\python5f.py E:\College\python5f.py E:\College\python5h.py E:\College\pythonXUntitled-1

NO FOLDER OPENEDOUTLINETIMELINE

E: > College > python > 5h.py > ...
1
2 num1 = int(input("enter 1st number:"))
3 num2 = int(input("enter 2nd number:"))
4 num3 = int(input("enter 3rd number:"))
5 num4 = int(input("enter 4th number:"))
6 num5 = int(input("enter 5th number:"))
7 num6 = int(input("enter 6th number:"))
8 num7 = int(input("enter 7th number:"))
9 num8 = int(input("enter 8th number:"))
10 num9 = int(input("enter 9th number:"))
11 num10 = int(input("enter 10th number:"))
12
13 lista = [num1, num2, num3, num4, num5, num6, num7, num8, num9, num10]
14
15 print("Positive numbers are:")
16 for i in lista:
17 | if i>0:
18 | | print(i)
19
20 print("Negative numbers are:")
21 for i in lista:
22 | if i<0:
23 | | print(i)
24
25 print("even numbers are:")
26 for i in lista:
27 | if i%2 == 0:
28 | | print(i)
29
30 print("odd numbers are:")
31 for i in lista:
32 | if i%2 != 0:
33 | | print(i)
34
35 for i in lista:
36 | print({i}, "occured", {lista.count(i)}, "times")
37

2022-06-09 21:11:11

Ln 37, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.4 64-bit

91%

36°C Mostly clear

ENG

21:11 09-06-2022

