

FileEditSelectionViewGoRunTerminalHelp

4a.py - Visual Studio Code

EXPLORER

OPEN EDITORS

4a.py E:\College\python
4b.py E:\College\python
4c.py E:\College\python
4d.py E:\College\python

NO FOLDER OPENED

OUTLINE

TIMELINE

4a.py

E: > College > python > 4a.py > ...

```
1  
2 print("Enter your marks")  
3  
4 marks = int(input())  
5  
6 if marks<25 :  
7     print("F")  
8  
9 elif marks>=25 and marks <45 :  
10     print("E")  
11  
12 elif marks>=45 and marks <50 :  
13     print("D")  
14  
15 elif marks>= 50 and marks <60 :  
16     print("C")  
17  
18 elif marks >= 60 and marks <80 :  
19     print("B")  
20  
21 else:  
22     print("A")  
23  
24  
25
```

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\Sachi  
n Singh\.vscode\extensions\ms-python.python-2022.6.2\pythonFiles\lib\python\debugpy\launcher' '59553' '--' 'e:\College\python\4d.py'  
177 candies are in the bowl!  
PS E:\College\python> e:: cd 'e:\College\python'; & 'C:\Users\Sachin Singh\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\Sachi  
n Singh\.vscode\extensions\ms-python.python-2022.6.2\pythonFiles\lib\python\debugpy\launcher' '59560' '--' 'e:\College\python\4a.py'  
Enter your marks  
72  
B  
PS E:\College\python> |
```

+

^

x

powershell

Python

Python

Python De...

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

15:01 18-05-2022

Type here to search

FileEditSelectionViewGoRunTerminalHelp

4b.py - Visual Studio Code

EXPLORER

OPEN EDITORS

4a.py E:\College\python
4b.py E:\College\python
4c.py E:\College\python
4d.py E:\College\python
NO FOLDER OPENED
OUTLINE
TIMELINE

E: > College > python > 4b.py > ...

1
2 year = int(input("Year = "))
3
4 if((year % 4 == 0 and year % 100 != 0) or year % 400 == 0):
5 | print(year, " is a leap year")
6 else:
7 | print(year, " is not a leap year")

PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL

B
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' '59576' '--' 'e:\College\python\4b.py'
Year = 2014
2014 is not a leap year
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' '59580' '--' 'e:\College\python\4b.py'
Year = 2000
2000 is a leap year
PS E:\College\python>

+ ^ x
powershell
Python
Python
Python De...

Ln 7, Col 39 Spaces: 4 UTF-8 CRLF Python 3.10.4 64-bit

56% 39°C Sunny 15:02 18-05-2022

4c.py - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER

OPEN EDITORS

4a.py E:\College\python
4b.py E:\College\python
X 4c.py E:\College\python
4d.py E:\College\python

NO FOLDER OPENED

OUTLINE

TIMELINE

E: > College > python > 4c.py > ...

1
2 from random import randint
3
4 quest = 1
5
6 while quest <11 :
7 a = randint(0,100)
8 b = randint(0,100)
9
10 print("the problem is",a, "*" ,b)
11 x = int(input("Enter your answer: "))
12
13 if x == a*b:
14 print("The answer is correct.")
15
16 else:
17 print("Wrong! The correct answer is", a*b)
18
19 quest = quest+1
20
21 else:
22 print("The game is over")
23
24

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

n Singh\.vscode\extensions\ms-python.python-2022.6.2\pythonFiles\lib\python\debugpy\launcher '59597' '--' 'e:\College\python\4c.py'
the problem is 58 * 35
Enter your answer: 2030
The answer is correct.
the problem is 95 * 39
Enter your answer: 3705
The answer is correct.
the problem is 7 * 96
Enter your answer:

+

powerShell
Python
Python
Python De...

Ln 24, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.4 64-bit

Type here to search

56% 39°C Sunny 15:03 18-05-2022

FileEditSelectionViewGoRunTerminalHelp

4d.py - Visual Studio Code

EXPLORER

OPEN EDITORS

4a.py E:\College\python
4b.py E:\College\python
4c.py E:\College\python
4d.py E:\College\python

NO FOLDER OPENED

OUTLINE

TIMELINE

E: > College > python > 4d.py > ...

1
2 x=200
3
4 for i in range(x):
5
6 if i % 5 == 2:
7 if i % 6 == 3:
8 if i % 7 == 2:
9 print(i, "candies are in the bowl!")
10
11

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

Enter your answer:
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' '59611' '--' 'e:\College\python\4d.py'
177 candies are in the bowl!
PS E:\College\python>

+ ^ x

powershell
Python
Python
Python De...

Ln 11, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.4 64-bit

Type here to search

55%

39°C Sunny

15:03 18-05-2022