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Sub: Internship of python(online)

Branch: IT

College name: GEC Modasa

Year : 3rd year

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Exercise : Task set 1

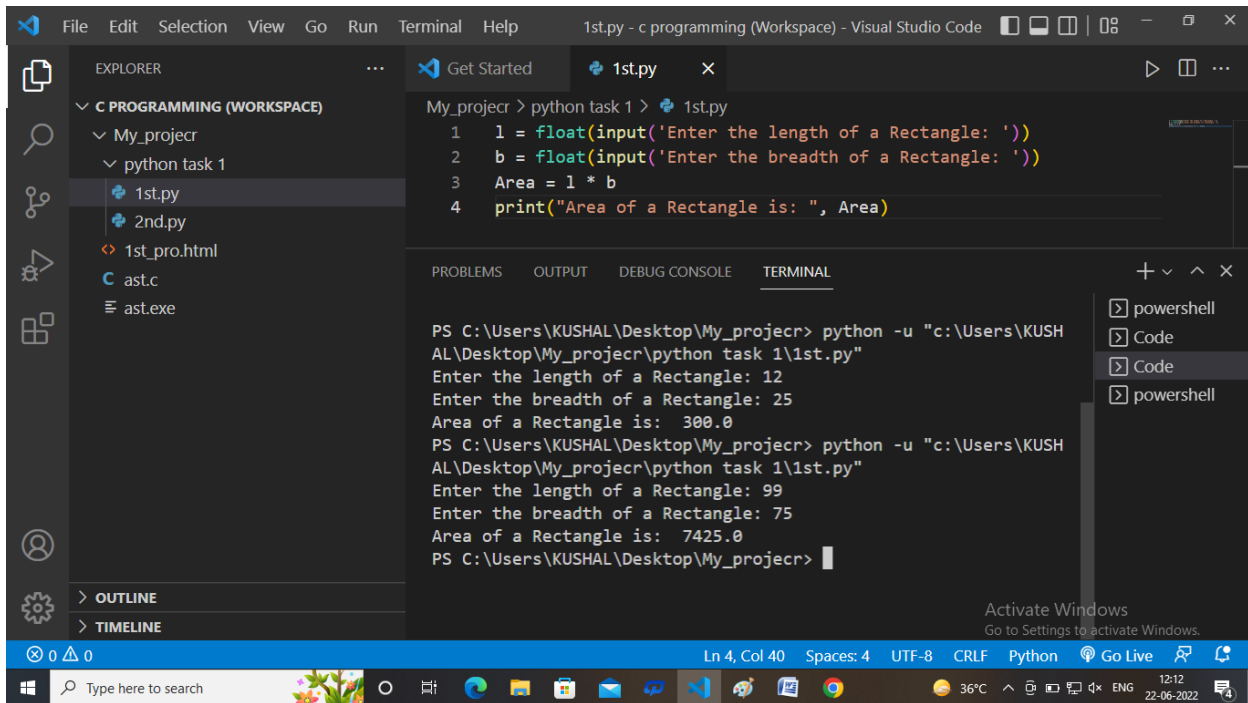
Date : 23/06/2022

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| 2. | Calculate area of a square. | |
| 3. | Calculate area of a circle. | |
| 4. | Calculate average of 5 numbers. | |
| 5. | Check whether number is even or odd. | |
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| 16. | Take starting number and ending number from the user and print following series. Output :- Enter starting number :30 Enter ending number :0 30 27 24 21 18 15 12 9 6 3 | |

Practical : 1.

Aim: Calculate area of a rectangle.



```
My_project > python task 1 > 1st.py
1  l = float(input('Enter the length of a Rectangle: '))
2  b = float(input('Enter the breadth of a Rectangle: '))
3  Area = l * b
4  print("Area of a Rectangle is: ", Area)

PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\1st.py"
Enter the length of a Rectangle: 12
Enter the breadth of a Rectangle: 25
Area of a Rectangle is:  300.0
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\1st.py"
Enter the length of a Rectangle: 99
Enter the breadth of a Rectangle: 75
Area of a Rectangle is:  7425.0
PS C:\Users\KUSHAL\Desktop\My_project>
```

Practical : 2.

Aim: Calculate area of a square.

```
File Edit Selection View Go Run Terminal Help • 2nd.py - c programming (Workspace) - Visual Studio Code
```

EXPLORER

- My_project
 - python task 1
 - 1st.py
 - 2nd.py
 - 1st_pro.html
 - ast.c
 - ast.exe

2nd.py

```
1 l = float(input("Enter the Side Length of Square: "))
2 a = l*l
3 print("Area of square is = ", a)
```

TERMINAL

```
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\2nd.py"
Enter the Side Length of Square: 15
Area of square is = 225.0
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\2nd.py"
Enter the Side Length of Square: 25
Area of square is = 625.0
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\2nd.py"
Enter the Side Length of Square: 50
Area of square is = 2500.0
PS C:\Users\KUSHAL\Desktop\My_project>
```

Practical : 3.

Aim: Calculate area of a circle.

```
File Edit Selection View Go Run Terminal Help 3rd.py - c programming (Workspace) - Visual Studio Code
```

EXPLORER

- My_project
 - python task 1
 - 1st.py
 - 2nd.py
 - 3rd.py
 - 1st_pro.html
 - ast.c
 - ast.exe

3rd.py

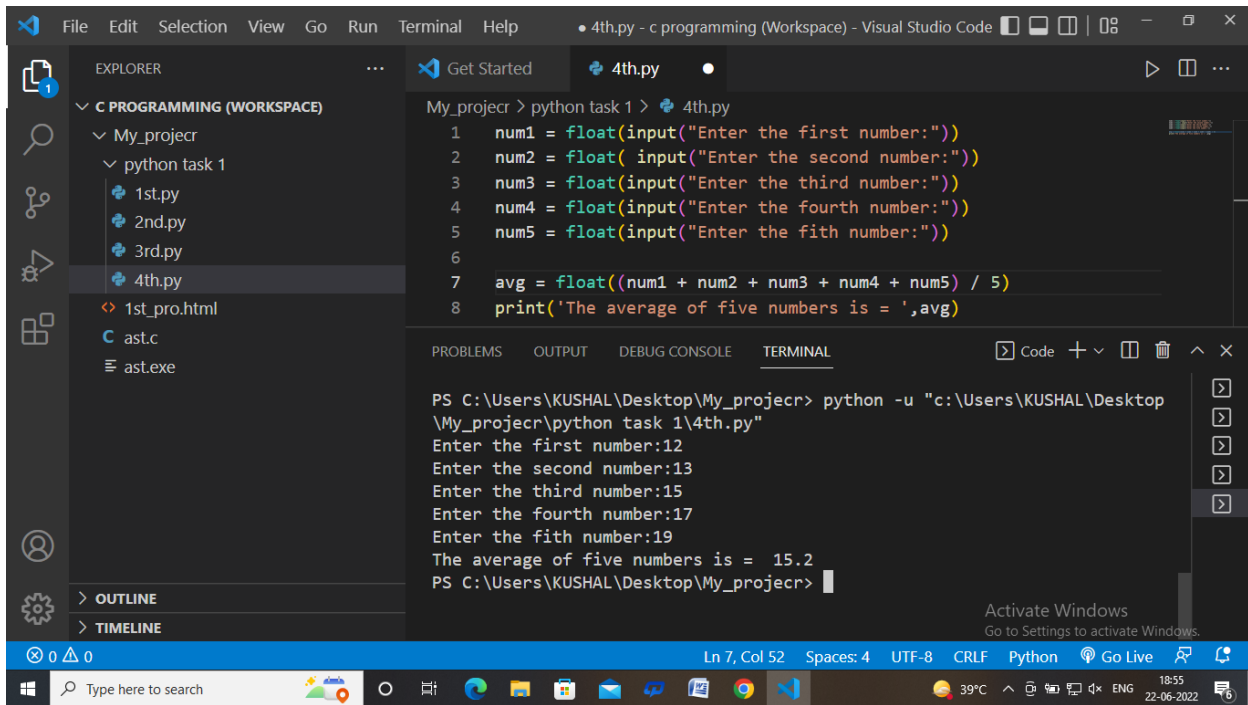
```
1 PI = 3.14
2 r = float(input("Enter the radius of a circle:"))
3 area = PI * r * r
4 print("Area of a circle : ", area)
```

TERMINAL

```
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\3rd.py"
Enter the radius of a circle:5
Area of a circle : 78.5
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\3rd.py"
Enter the radius of a circle:5.9
Area of a circle : 109.30340000000002
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\3rd.py"
Enter the radius of a circle:10.11
Area of a circle : 320.945994
PS C:\Users\KUSHAL\Desktop\My_project>
```

Practical : 4.

Aim:Calculate average of 5 numbers.



The screenshot shows the Visual Studio Code interface with a workspace named 'C PROGRAMMING (WORKSPACE)'. The Explorer panel on the left shows a project structure with 'My_project' containing 'python task 1' which includes '1st.py', '2nd.py', '3rd.py', and '4th.py'. The '4th.py' file is selected and its code is displayed in the editor. The code prompts the user to enter five numbers and calculates their average. The TERMINAL panel at the bottom shows the command 'python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\4th.py"' being executed, followed by the input of five numbers (12, 13, 15, 17, 19) and the output 'The average of five numbers is = 15.2'.

```
My_project > python task 1 > 4th.py
1  num1 = float(input("Enter the first number:"))
2  num2 = float( input("Enter the second number:"))
3  num3 = float(input("Enter the third number:"))
4  num4 = float(input("Enter the fourth number:"))
5  num5 = float(input("Enter the fith number:"))
6
7  avg = float((num1 + num2 + num3 + num4 + num5) / 5)
8  print('The average of five numbers is = ',avg)
```

```
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\4th.py"
Enter the first number:12
Enter the second number:13
Enter the third number:15
Enter the fourth number:17
Enter the fith number:19
The average of five numbers is = 15.2
PS C:\Users\KUSHAL\Desktop\My_project>
```

Practical : 5.

Aim:Check whether number is even or odd.

```
File Edit Selection View Go Run Terminal Help
5th.py - c programming (Workspace) - Visual Studio Code

EXPLORER
C PROGRAMMING (WORKSPACE)
  My_project
    python task 1
      1st.py
      2nd.py
      3rd.py
      4th.py
      5th.py
      6th.py
    1st_pro.html
    ast.c
    ast.exe

5th.py
My_project > python task 1 > 5th.py
1
2 num = int(input("Enter any number to test whether it is odd or even: "))
3
4 if (num % 2) == 0:
5     print(num,"is even number")
6
7 else:
8     print(num,"is odd number")
9

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
5th.py
Enter any number to test whether it is odd or even: 99
99 is odd number
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\5th.py"
Enter any number to test whether it is odd or even: 100
100 is even number
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\5th.py"
Enter any number to test whether it is odd or even: 21
21 is odd number
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\5th.py"
Enter any number to test whether it is odd or even: 50
50 is even number
PS C:\Users\KUSHAL\Desktop\My_project>

Ln 8, Col 31 Spaces: 4 UTF-8 CRLF Python Go Live
00:37 23-06-2022
```

Practical : 6.

Aim:Take a year and check whether it is leap year or not.

```
File Edit Selection View Go Run Terminal Help
6th.py - c programming (Workspace) - Visual Studio Code

EXPLORER
C PROGRAMMING (WORKSPACE)
  My_project
    python task 1
      1st.py
      2nd.py
      3rd.py
      4th.py
      5th.py
      6th.py
    1st_pro.html
    ast.c
    ast.exe

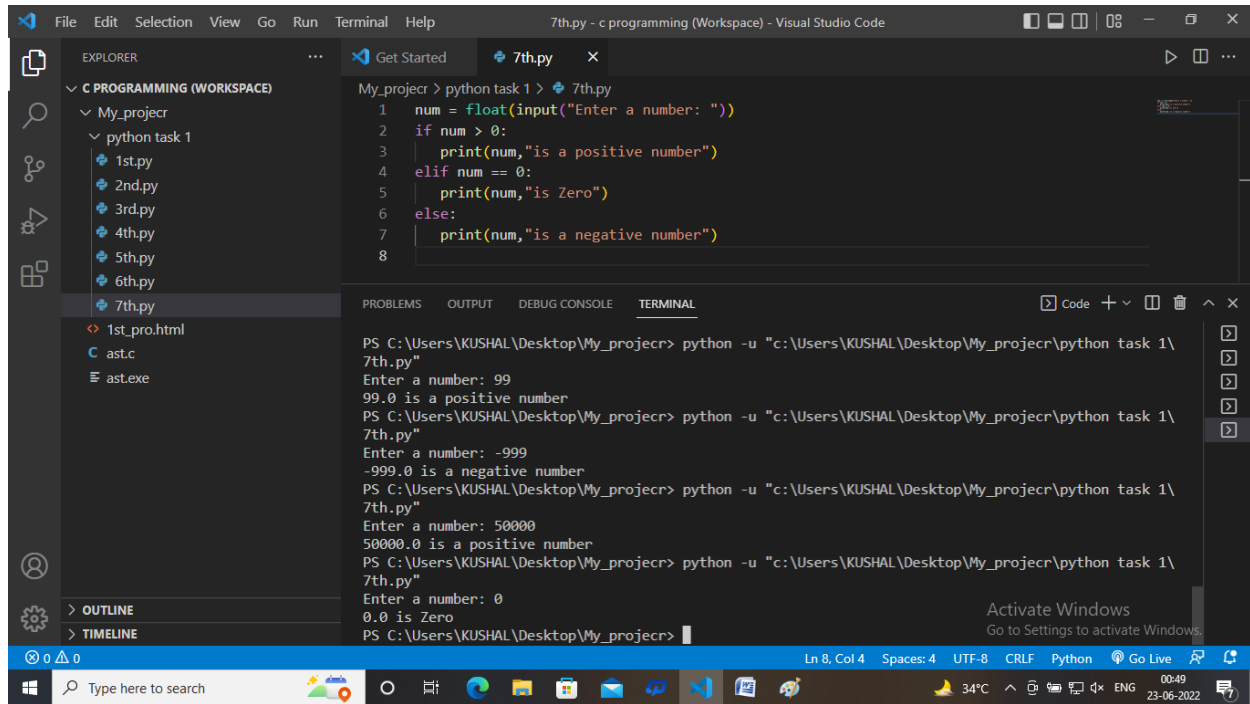
6th.py
My_project > python task 1 > 6th.py
1 year = int(input("Enter year : "))
2
3 if (year%4 == 0 and year%100 != 0) or (year%400 == 0) :
4     print(year, "is a leap year.")
5 else :
6     print(year, "is not a leap year.")

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
6th.py
Enter year : 2022
2022 is not a leap year.
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\6th.py"
Enter year : 2023
2023 is not a leap year.
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\6th.py"
Enter year : 2024
2024 is a leap year.
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\6th.py"
Enter year : 2028
2028 is a leap year.
PS C:\Users\KUSHAL\Desktop\My_project>

Ln 6, Col 39 Spaces: 4 UTF-8 CRLF Python Go Live
00:40 23-06-2022
```

Practical : 7.

Aim:Take a number and check whether it is zero, positive or negative.



```
File Edit Selection View Go Run Terminal Help 7th.py - c programming (Workspace) - Visual Studio Code

EXPLORER
C PROGRAMMING (WORKSPACE)
  My_project
    python task 1
      1st.py
      2nd.py
      3rd.py
      4th.py
      5th.py
      6th.py
      7th.py
    1st_pro.html
    ast.c
    ast.exe

7th.py
1 num = float(input("Enter a number: "))
2 if num > 0:
3     print(num,"is a positive number")
4 elif num == 0:
5     print(num,"is Zero")
6 else:
7     print(num,"is a negative number")
8

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\7th.py"
Enter a number: 99
99.0 is a positive number
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\7th.py"
Enter a number: -999
-999.0 is a negative number
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\7th.py"
Enter a number: 0
0.0 is Zero
PS C:\Users\KUSHAL\Desktop\My_project>
```

Practical : 8.

Take 2 numbers and display greatest number. (Also check equal number condition).

```
File Edit Selection View Go Run Terminal Help 8th.py - c programming (Workspace) - Visual Studio Code

EXPLORER
C PROGRAMMING (WORKSPACE)
  My_project
    python task 1
      1st.py
      2nd.py
      3rd.py
      4th.py
      5th.py
      6th.py
      7th.py
      8th.py
    1st_pro.html
    ast.c
    ast.exe

1st.py
2nd.py
3rd.py
4th.py
5th.py
6th.py
7th.py
8th.py
1st_pro.html
ast.c
ast.exe

OUTLINE
TIMELINE

My_project > python task 1 > 8th.py
1 num1 = int(input("Enter first number: "))
2 num2 = int(input("Enter second number: "))
3 if num1 >= num2:
4     if num1 == num2:
5         print("Both numbers are equal.")
6     else:
7         print(num1,"is greater than",num2)
8 else:
9     print(num2,"is greater than",num1)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\8th.py"
Enter first number: 10
Enter second number: 50
50 is greater than 10
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\8th.py"
Enter first number: 1000
Enter second number: 500
1000 is greater than 500
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\8th.py"
Enter first number: 300
Enter second number: 300
Both numbers are equal.
PS C:\Users\KUSHAL\Desktop\My_project>
```

Practical : 9.

Aim:Take a number and find factorial of that number.

```
File Edit Selection View Go Run Terminal Help 9th.py - c programming (Workspace) - Visual Studio Code

EXPLORER
C PROGRAMMING (WORKSPACE)
  My_project
    python task 1
      1st.py
      2nd.py
      3rd.py
      4th.py
      5th.py
      6th.py
      7th.py
      8th.py
      9th.py
    1st_pro.html
    ast.c
    ast.exe

1st.py
2nd.py
3rd.py
4th.py
5th.py
6th.py
7th.py
8th.py
9th.py
1st_pro.html
ast.c
ast.exe

OUTLINE
TIMELINE

My_project > python task 1 > 9th.py
1 num = int(input("Enter a number: "))
2
3 factorial = 1
4
5 if num < 0:
6     print("Sorry, factorial does not exist for negative numbers")
7 elif num == 0:
8     print("The factorial of 0 is 1")
9 else:
10     for i in range(1,num + 1):
11         factorial = factorial*i
12     print("The factorial of",num,"is",factorial)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\9th.py"
Enter a number: 0
The factorial of 0 is 1
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\9th.py"
Enter a number: 1
The factorial of 1 is 1
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\9th.py"
Enter a number: 5
The factorial of 5 is 120
PS C:\Users\KUSHAL\Desktop\My_project>
```



```
File Edit Selection View Go Run Terminal Help 9th.py - c programming (Workspace) - Visual Studio Code

EXPLORER
C PROGRAMMING (WORKSPACE)
My_project
python task 1
  1st.py
  2nd.py
  3rd.py
  4th.py
  5th.py
  6th.py
  7th.py
  8th.py
  9th.py
  1st_pro.html
  ast.c
  ast.exe

OUTLINE
TIMELINE

My_project > python task 1 > 9th.py
1 num = int(input("Enter a number: "))

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Enter a number: 1
The factorial of 1 is 1
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\9th.py"
Enter a number: 5
The factorial of 5 is 120
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\9th.py"
Enter a number: -11
Sorry, factorial does not exist for negative numbers
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\9th.py"
Enter a number: 10
The factorial of 10 is 3628800
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\9th.py"
Enter a number: -99
Sorry, factorial does not exist for negative numbers
PS C:\Users\KUSHAL\Desktop\My_project> 100
100
PS C:\Users\KUSHAL\Desktop\My_project>

Activate Windows
Go to Settings to activate Windows.
```

Practical : 10.

Aim:Write a program to swap 2 numbers using third variable.

```
File Edit Selection View Go Run Terminal Help 10th.py - c programming (Workspace) - Visual Studio Code

EXPLORER
C PROGRAMMING (WORKSPACE)
My_project
python task 1
  1st.py
  2nd.py
  3rd.py
  4th.py
  5th.py
  6th.py
  7th.py
  8th.py
  9th.py
  10th.py
  1st_pro.html
  ast.c
  ast.exe

OUTLINE
TIMELINE

My_project > python task 1 > 10th.py
1 a = int(input("please give first number a: "))
2 b = int(input("please give second number b: "))
3 tempvar=a
4 a=b
5 b=tempvar
6 print("After swapping")
7 print("value of a is : ", a)
8 print("value of b is : ", b)

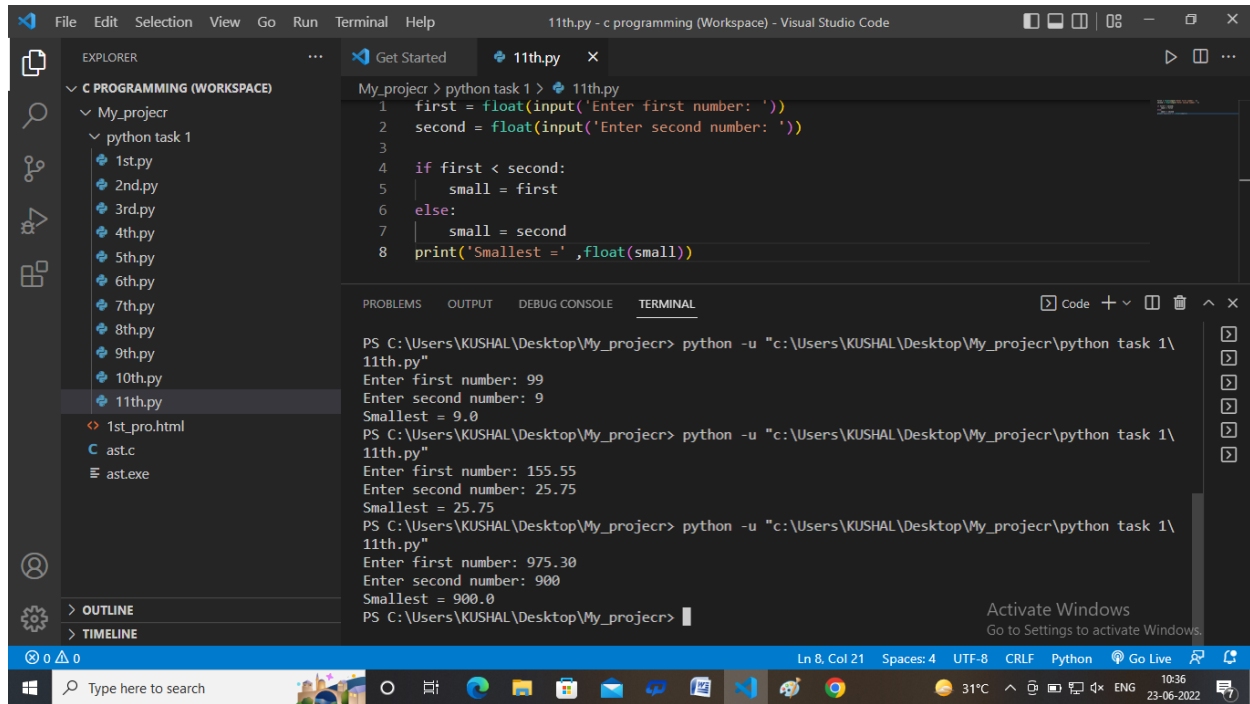
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

After swapping
value of a is : 500
value of b is : 100
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\10th.py"
please give first number a: 999
please give second number b: 9
After swapping
value of a is : 9
value of b is : 999
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\10th.py"
please give first number a: 1
please give second number b: 11
After swapping
value of a is : 11
value of b is : 1
PS C:\Users\KUSHAL\Desktop\My_project>

Activate Windows
Go to Settings to activate Windows.
```

Practical : 11.

Aim:Take 2 numbers and find smallest number.



The screenshot shows the Visual Studio Code interface with a workspace named '11th.py - c programming (Workspace)'. The Explorer panel on the left shows a project structure with a folder 'My_project' containing a subfolder 'python task 1' with files 1st.py through 11th.py, and other files like 1st_pro.html, ast.c, and ast.exe. The main editor displays the code for '11th.py':

```
1 first = float(input('Enter first number: '))
2 second = float(input('Enter second number: '))
3
4 if first < second:
5     small = first
6 else:
7     small = second
8 print('Smallest =', float(small))
```

The TERMINAL panel at the bottom shows the execution of the script three times:

```
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\11th.py"
Enter first number: 99
Enter second number: 9
Smallest = 9.0
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\11th.py"
Enter first number: 155.55
Enter second number: 25.75
Smallest = 25.75
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\11th.py"
Enter first number: 975.30
Enter second number: 900
Smallest = 900.0
PS C:\Users\KUSHAL\Desktop\My_project>
```

The status bar at the bottom indicates 'Ln 8, Col 21', 'Spaces: 4', 'UTF-8', 'CRLF', 'Python', and 'Go Live'.

Practical : 12.

Aim:Take a number check if a number is less than 100 or not. If it is less than 100 then check if it is odd or even.

```
File Edit Selection View Go Run Terminal Help 12th.py - c programming (Workspace) - Visual Studio Code

EXPLORER
C PROGRAMMING (WORKSPACE)
My_project
python task 1
1st.py
2nd.py
3rd.py
4th.py
5th.py
6th.py
7th.py
8th.py
9th.py
10th.py
11th.py
12th.py
1st_pro.html
ast.c
ast.exe

12th.py
My_project > python task 1 > 12th.py
1 num = int(input("Enter the number : "))
2
3 if num<100:
4     if (num % 2) == 0:
5         print(num,"is even number")
6
7     else:
8         print(num,"is odd number")
9
10 else:
11     print("Entered number is grater than 100")

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Enter the number : 85
85 is odd number
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\12th.py"
Enter the number : 98
98 is even number
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\12th.py"
Enter the number : 201
Entered number is grater than 100
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\12th.py"
Enter the number : 101
Entered number is grater than 100

Ln 7, Col 10 Spaces: 4 UTF-8 CRLF Python Go Live 10:50 23-06-2022
```

Practical : 13.

Aim:Take a number to print the square of a number if it is less than 10.

```
File Edit Selection View Go Run Terminal Help 13th.py - c programming (Workspace) - Visual Studio Code

EXPLORER
C PROGRAMMING (WORKSPACE)
My_project
python task 1
1st.py
2nd.py
3rd.py
4th.py
5th.py
6th.py
7th.py
8th.py
9th.py
10th.py
11th.py
12th.py
13th.py
1st_pro.html
ast.c
ast.exe

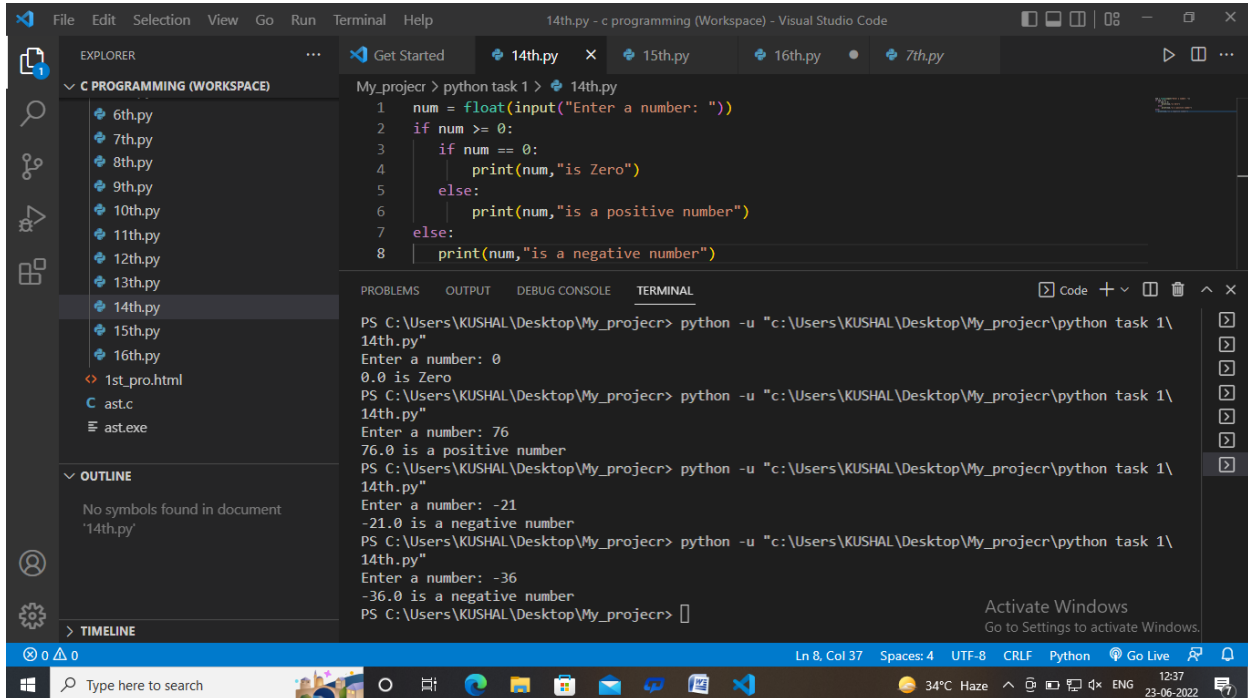
13th.py
My_project > python task 1 > 13th.py
1 num = int(input("Enter a number : "))
2 pow = (num)*(num)
3 if num<10:
4     print("Square is",pow)
5 else:
6     print("Entered number is greater than 10")

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Enter a number :9
Square is 81
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\13th.py"
Enter a number :15
Entered number is greater than 10
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\13th.py"
Enter a number :3
Square is 9
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\13th.py"
Enter a number :8
Square is 64
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\13th.py"
Enter a number :65
Entered number is greater than 10
PS C:\Users\KUSHAL\Desktop\My_project>

Ln 5, Col 6 Spaces: 4 UTF-8 CRLF Python Go Live 11:07 23-06-2022
```

Practical : 14.

Aim:Take a number and check whether it is zero, positive or negative using nested IF...ELSE statement .



```
File Edit Selection View Go Run Terminal Help
14th.py - c programming (Workspace) - Visual Studio Code

EXPLORER
C PROGRAMMING (WORKSPACE)
6th.py
7th.py
8th.py
9th.py
10th.py
11th.py
12th.py
13th.py
14th.py
15th.py
16th.py
1st_pro.html
ast.c
ast.exe
OUTLINE
No symbols found in document
'14th.py'
TIMELINE

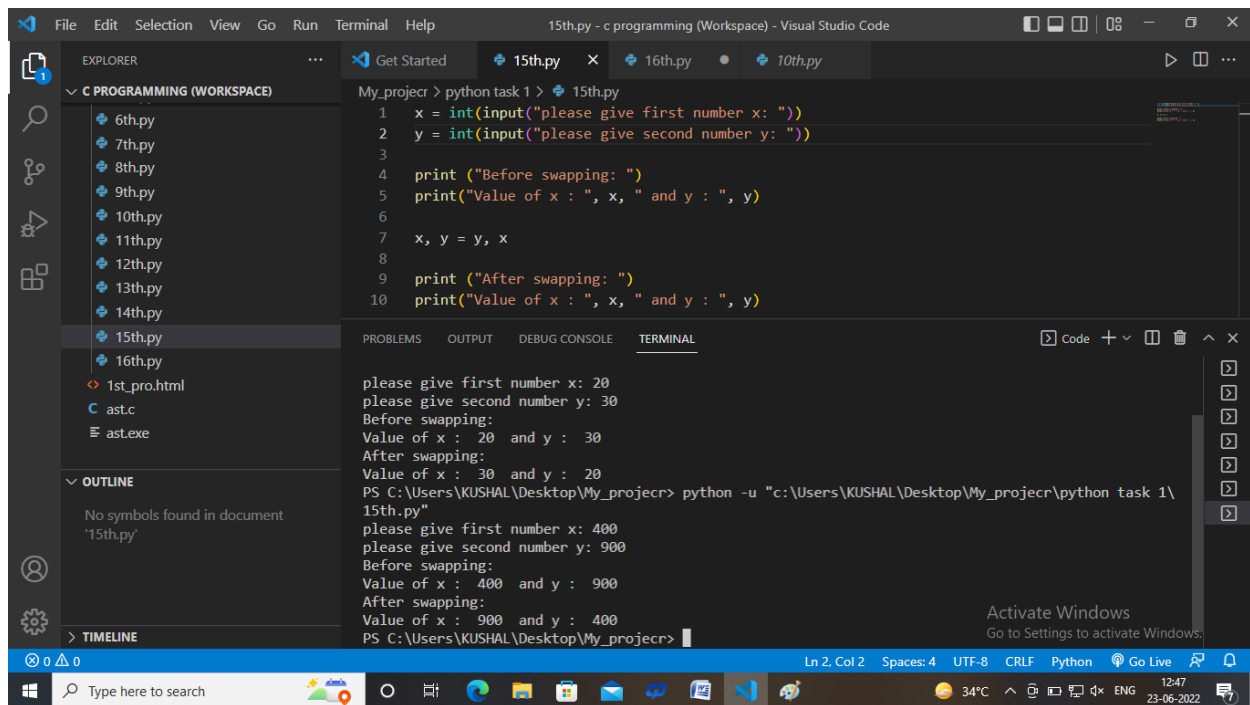
My_project > python task 1 > 14th.py
1 num = float(input("Enter a number: "))
2 if num >= 0:
3     if num == 0:
4         print(num,"is Zero")
5     else:
6         print(num,"is a positive number")
7 else:
8     print(num,"is a negative number")

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\
14th.py"
Enter a number: 0
0.0 is Zero
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\
14th.py"
Enter a number: 76
76.0 is a positive number
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\
14th.py"
Enter a number: -21
-21.0 is a negative number
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\
14th.py"
Enter a number: -36
-36.0 is a negative number
PS C:\Users\KUSHAL\Desktop\My_project>

Activate Windows
Go to Settings to activate Windows.
```

Practical : 15.

Aim:Write a program to swap 2 numbers without taking third variable.



```
File Edit Selection View Go Run Terminal Help
15th.py - c programming (Workspace) - Visual Studio Code

EXPLORER
My_project > python task 1 > 15th.py
1 x = int(input("please give first number x: "))
2 y = int(input("please give second number y: "))
3
4 print("Before swapping: ")
5 print("Value of x : ", x, " and y : ", y)
6
7 x, y = y, x
8
9 print("After swapping: ")
10 print("Value of x : ", x, " and y : ", y)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
please give first number x: 20
please give second number y: 30
Before swapping:
Value of x : 20 and y : 30
After swapping:
Value of x : 30 and y : 20
PS C:\Users\KUSHAL\Desktop\My_project> python -u "c:\Users\KUSHAL\Desktop\My_project\python task 1\15th.py"
please give first number x: 400
please give second number y: 900
Before swapping:
Value of x : 400 and y : 900
After swapping:
Value of x : 900 and y : 400
PS C:\Users\KUSHAL\Desktop\My_project>
```

Practical : 16.

Take starting number and ending number from the user and print following series.

Output :-

Enter starting number :30

Enter ending number :0

30

27

24

21

18

15

12

9

6

3

The screenshot displays the Visual Studio Code interface with a workspace named "16th.py - c programming (Workspace)". The Explorer panel on the left shows a file tree for "C PROGRAMMING (WORKSPACE)" containing files from 6th.py to 16th.py, along with 1st_pro.html, ast.c, and ast.exe. The 16th.py file is selected. The Editor panel shows the code for 16th.py:

```
My_projec > python task 1 > 16th.py
1 num1 = int(input("Enter the starting number:"))
2 num2 = int(input("Enter the ending number:"))
3
4 for i in range(num1,num2,-3):
5     print("value is :",i)
```

The TERMINAL panel at the bottom shows the execution of the script:

```
PS C:\Users\KUSHAL\Desktop\My_projec> python -u "c:\Users\KUSHAL\Desktop\My_projec\python task 1\
16th.py"
Enter the starting number:30
Enter the ending number:0
value is : 30
value is : 27
value is : 24
value is : 21
value is : 18
value is : 15
value is : 12
value is : 9
value is : 6
value is : 3
PS C:\Users\KUSHAL\Desktop\My_projec> python -u "c:\Users\KUSHAL\Desktop\My_projec\python task 1\
16th.py"
Enter the starting number:[]
```

The status bar at the bottom indicates the current position is Line 5, Column 26, with a tab size of 4, UTF-8 encoding, CRLF line endings, and the Python interpreter is active. The system tray shows the date and time as 15:19 on 23-06-2022.

File Edit Selection View Go Run Terminal Help 16th.py - c programming (Workspace) - Visual Studio Code

EXPLORER

My_project > python task 1 > 16th.py

```
1 num1 = int(input("Enter the starting number:"))
2 num2 = int(input("Enter the ending number:"))
3
4 for i in range(num1,num2,-3):
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Enter the starting number:60
Enter the ending number:0
value is : 60
value is : 57
value is : 54
value is : 51
value is : 48
value is : 45
value is : 42
value is : 39
value is : 36
value is : 33
value is : 30
value is : 27
value is : 24
value is : 21
value is : 18
value is : 15
value is : 12
value is : 9
value is : 6
value is : 3

Activate Windows
Go to Settings to activate Windows.

PS C:\Users\KUSHAL\Desktop\My_project>

Ln 5, Col 26 Tab Size: 4 UTF-8 CRLF Python Go Live

