

Phitron Python Practice Day

On Module 1 and 2



Problem 1

Suppose you have a floating number **N.1** then,

Floor is the greatest integer less than or equal to N. And **Ceil** is the smallest number greater than or equal to N.

Example: for 3.4 Floor is 3 and Ceil if 4.

Write a python program that takes a floating number from users using input() and outputs both Floor and Ceil of that number.

Problem 2

Write a function that takes 3 integer inputs from user and outputs absolute values of these integers without using any library functions.

Sample Input:

-100

234

-350

Sample Output:

100

234

350

Problem 3

In the famous Rock Paper Scissor game - Rock wins against scissors, paper wins against rock, and scissors wins against paper.

Write a python program that takes two user inputs and returns who wins the game.

Sample Input:

> Player 1: rock

> Player 2: paper

Sample Output:

> Player 2 is the winner

Problem 4

Write a Python program to check if user entered number is ZERO, POSITIVE or NEGATIVE until user does not want to quit.

User will type 'Quit' to close the program.

Sample:

```
> Enter input: 2
> 2 is positive
> -3
> -3 is negative
> "Quit"
> (stop the program)
```



Problem 5

Write a Python program which iterates the integers from 1 to 50. For multiples of three print "Fizz" instead of the number and for the multiples of five print "Buzz". For numbers which are multiples of both three and five print "FizzBuzz".

Sample Output :

fizzbuzz

1

2

fizz

4

buzz

Problem 6

Write a Python program to print the first letter of your name using special character '*'.

Expected Output For M:

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

Tips of the day

- Sit to code daily
- Don't search for solution, ask for logics
- Failing is completely normal
- Don't touch other problems until you have solve the current one
- Don't copy paste. See > read > type > run.

Thank You

