Floor and ceil

locked

Use of floor and ceil functions on floating point values.

Both functions are library functions and declare in math.h header file. Floor ignores the fraction part and just print the same in floating point.

E.g.

floor(123.46) then it will return 123.000000

ceil(123.46) then it will return 124.000000

Input Format

1. Take a floating point value n.

Constraints

1. n>=0.00
2. n<=99999999.000000

Output Format

1. First line should print the floor value.
2. Second line should print the ceil value.

Sample Input 0

```
123.45
```

Sample Output 0

```
123.000000
124.000000
```

Sample Input 1

```
69.98
```

Sample Output 1

```
69.000000
70.000000
```

Sample Input 2

```
1.12
```

Sample Output 2

```
1.000000
2.000000
```

Sample Input 3

```
632.99
```

Sample Output 3

```
632.000000
633.000000
```

Submissions: 338
Max Score: 10
Difficulty: Easy

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Python 3

```
1 from math import floor,ceil
2 n= eval(input())
3 print(f"{floor((n)):.6f} \n{ceil(n):.6f}")
```

Line: 3 Col: 43

Upload Code as File Test against custom input Run Code Submit Code

Testcase 0 ✔ | Testcase 1 ✔ | Testcase 2 ✔ | Testcase 3 ✔

Congratulations, you passed the sample test case.

Click the **Submit Code** button to run your code against all the test cases.

Input (stdin)

```
123.45
```

Your Output (stdout)

```
123.000000
124.000000
```

Expected Output

```
123.000000
124.000000
```