



Mod Divmod ★

44/115 challenges solved

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Problem

Submissions

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Editorial

One of the built-in functions of Python is divmod, which takes two arguments **a** and **b** and returns a tuple containing the quotient of **a/b** first and then the remainder **a**.

For example:

```
>>> print divmod(177,10)
(17, 7)
```

Here, the integer division is $177/10 \Rightarrow 17$ and the modulo operator is $177\%10 \Rightarrow 7$.

Task

Read in two integers, **a** and **b**, and print three lines.

The first line is the integer division **a//b** (While using Python2 remember to import division from `__future__`).

The second line is the result of the modulo operator: **a%b**.

The third line prints the divmod of **a** and **b**.

Input Format

The first line contains the first integer, **a**, and the second line contains the second integer, **b**.

Output Format

Print the result as described above.

Sample Input

```
177
10
```

Sample Output

```
17
7
(17, 7)
```

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Language

Python 3



```
1 # Enter your code here. Read input from STDIN. Print output to STDOUT
2 a = int(input())
3 b = int(input())
4 result = divmod(a,b)
5 print(result[0], result[1], result, sep='\n')
6
```



EMACS

Line: 6 Col: 1

 Upload Code as File

☐ Test against custom input

Run Code

Submit Code

You have earned 10.00 points!
44/115 challenges solved.

38%




Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

✔ Test case 0

Compiler Message

✔ Test case 1 

Success

Input (stdin)

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1	177
2	10

Expected Output

Download

1	17
2	7
3	(17, 7)