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Mod Divmod

Problem	Submissions

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 => 17` and the modulo operator is `177%10 => 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)
```

Contest ends in 1 day 6 hours 17 minutes 17 seconds

Submissions: 1062
Max Score: 50

Rate This Challenge:
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More

Current Buffer (saved locally, editable)   Python 3

```python
1  a = int(input())
2  b = int(input())
3  print(a // b)
4  print(a % b)
5  print(divmod(a,b))
```

Line: 5 Col: 19

Test against custom input

Run Code

Submit Code