

## Problem Statement

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  $a/b$  ( $a//b$ ) and remainder  $a$ .

Here  $a/b$  can be compared with integer division  $a//b$ .

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

Here  $177/10 \Rightarrow 17$  and  $177\%10 \Rightarrow 7$

## Task

Read two integers,  $a$  and  $b$ , and print three lines.

The first line is the integer division  $a//b$  (Remember to import `division` from `__future__`)

The second line is the result of  $a\%b$ . (Modulo operator)

In the third line print 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)
```