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)