Write a program that reads two natural numbers \(a\) and \(b\), with \(b > 0\), and prints the integer division \(d\) and the remainder \(r\) of \(a\) divided by \(b\).

Remember that, by definition, \(d\) and \(r\) must be the only integer numbers such that \(0 \leq r < b\) and \(d \cdot b + r = a\).

**Input**

Input consists of \(a\) and \(b\), with \(b > 0\).

**Output**

Print a line with the integer division and the remainder of \(a\) divided by \(b\), separated by a space.

**Observation**

Although the conditions for the input of this exercise prevent divisions by zero, check what happens to your program in that case.

**Sample input 1**

32 6

**Sample output 1**

5 2

**Sample input 2**

30 15

**Sample output 2**

2 0