
Smallest multiple

P84735_en

Write a program that reads pairs of natural numbers a and b , and for each one prints the smallest natural number that is greater than or equal to a and also a multiple of b .

Input

Input consists of a sequence of pairs of natural numbers a and b with $b \geq 1$.

Output

For each a and b , print in a line the smallest natural number x such that $x \geq a$ and $x = mb$ for some natural number m . Precede this with the case number starting at 1, following the format of the example.

Sample input

```
12 5
10 5
123 1
```

Sample output

```
#1 : 15
#2 : 10
#3 : 123
```

Problem information

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