2 Count Pairs

You are given two values, n and c. Write a program that counts all the pairs of integers (a, b) so that $gcd(a, b) = c$ where $1 \leq a \leq b \leq n$. The notation $gcd(a, b)$ represents the greatest common divisor and it is classically calculated using the Euclidean algorithm. Since this count number can be big, it is required to output count%1000000007 (the reminder of the division of count in respect to 1000000007)

Input/Output

The input consists of two integer values n and c separated by space

The output consists of one integer representing count%1000000007

Constraints

- $c \leq n < 1\,000\,000\,000$

Examples

Sample Input 1

```
2 10
```

Sample Output 1

```
9
```

Explanation There are 9 pairs of numbers satisfying the condition (2, 4), (2, 6), (2, 10) , (4, 6), (4, 10), (6, 8), (6, 10) and (8, 10).

Sample Input 2

```
7 7
```

Sample Output 2

```
1
```

Explanation There is only one pair satisfying $gcd(7, 7)$, (7,7)