

# Hulk Like Shawarma



After the battle of New York, the Avengers and some of the S.H.I.E.L.D. staff decide to go get shawarma like Tony suggested. They decide to divide all the shawarmas equally among themselves, but after division there are some shawarmas left (since the number of shawarmas were not divisible with the number of people). Since Hulk really liked the shawarma, they decide to give him all the extra shawarmas (cuz no one wants to take a Hulk Smash for saying no to that idea ^.^).

Given the number of people and the number of shawarmas ordered, find out how many **extra** shawarmas does Hulk get to eat.

## Input Format

The input will consist of two integers  $p$  and  $s$  (in that order) where

- $s$  is the number of shawarmas ordered
- $p$  is the number of people

## Constraints

$$p \leq s \leq 10000000$$

$$1 \leq p \leq 100$$

## Output Format

Print a single integer which is the number of extra shawarmas Hulk gets to eat.

## Sample Input 0

```
5
3
```

## Sample Output 0

```
2
```

## Explanation 0

According to input :

1.  $s = 5$
2.  $p = 3$

When we divide **5** by **3**, **2** is the remainder. So, after dividing the shawarmas among themselves, there are 2 extra shawarmas left the Hulk can eat.

## Sample Input 1

35  
6

### Sample Output 1

5

### Explanation 1

According to input :

1.  $s = 35$

2.  $p = 6$

When we divide **35** by **6**, **5** is the remainder. So, after dividing the shawarmas among themselves, there are 5 extra shawarmas left the Hulk can eat.