

Remainder Evaluation

Given two positive integers **num1** and **num2**, the task is to find the remainder when num1 is divided by num2.

Input:

First line of the input contains an integer T denoting the number of test cases. Then T test cases follow. Each test case consists of a single line containing two positive integers separated by a space .

Output:

Corresponding to each test case, print the remainder in a new line.

Constraints:

$1 \leq T \leq 100$

$0 \leq \text{num1} \leq 50$

$1 \leq \text{num2} \leq 50$

Example:

Input:

1

5 3

Output:

2