**Remainder Evaluation**

[modular arithmetic](http://www.practice.geeksforgeeks.org/tag-page.php?tag=modular%20arithmetic&isCmp=0)[modulus](http://www.practice.geeksforgeeks.org/tag-page.php?tag=modulus&isCmp=0)

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 seperated by a space .

**Output:**

Corresponding to each test case, print the remainder in a new line.  
  
**Constraints:**  
1<=T<=100  
0<=num1<=50  
1<=num2<=50  
  
**Example:**  
**Input:**  
1  
5 3  
**Output:**  
2

\*\*For More Examples Use Expected Output\*\*

<http://www.practice.geeksforgeeks.org/problem-page.php?pid=943>

#include <iostream>

#include <stdio.h>

#include <vector>

#include <algorithm>

#include <math.h>

#define ll long long int

using namespace std;

int main() {

int t;

scanf("%d", &t);

while(t--) {

int a,b;

scanf("%d %d", &a, &b);

printf("%d\n", a % b);

}

//system("pause");

return 0;

}