**Addition Errors**

Max. Marks: 100

**Bob**is a noob mathematician and he is not very comfortable with addition of numbers.He is unaware of the concept of **carry**that the addition of **2**numbers possess.He everytime forgets to take a carry while performing addition.

**Example**: suppose he adds **5**and **8**so he writes only **3**instead of **13**. Similarly while adding **18**and **223** he writes it as **231**.

So basically he **ignores**the **carry**everytime.You task is to compute the error in his **addition algorithm**.

**Error**is defined as the **absolute difference** between Bob's answer and the actual answer which was expected.

**Input Format**

First line contains **T** (the number of **Test Cases**).

Each testcase contains **2**lines containing numbers **A and B**.(the numbers which Bob uses to perform an **addition**).

**Output Format**

For each **testcase**print the **error**value in a **new line**.

**Constraints**

1≤T≤105

1≤A,B≤1018

**SAMPLE INPUT**

3

2

2

5

8

18

223

**SAMPLE OUTPUT**

0

10

10

**Explanation**

**Test Case 1:**

Actual Answer = 2+2=4

Bob's Answer = 4

Error=0

**Test Case 2:**

Actual Answer = 5+8=13

Bob's Answer = 3

Error=10

**Time Limit:**1.0 sec(s) for each input file.

**Memory Limit:**256 MB

**Source Limit:**1024 KB

**Marking Scheme:**Marks are awarded if any testcase passes.

**Allowed Languages:**Bash, C, C++, C++14, Clojure, C#, D, Erlang, F#, Go, Groovy, Haskell, Java, Java 8, JavaScript(Rhino), JavaScript(Node.js), Julia, Kotlin, Lisp, Lisp (SBCL), Lua, Objective-C, OCaml, Octave, Pascal, Perl, PHP, Python, Python 3, Racket, Ruby, Rust, Scala, Swift, Swift-4.1, Visual Basic

<https://www.hackerearth.com/challenge/competitive/november-circuits-18/algorithm/addition-errors-68e27044/>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Numerics;

namespace ConsoleApp1

{

class Program

{

static void Main(string[] args)

{

//string a = "98456";

//string b = "53443";

int t = int.Parse(Console.ReadLine());

while (t-- > 0)

{

//string a = "18";

//string b = "223";

string a = Console.ReadLine();

string b = Console.ReadLine();

int maxlen = Math.Max(a.Length, b.Length);

a = new string('0', maxlen - a.Length) + a;

b = new string('0', maxlen - b.Length) + b;

// Console.WriteLine(a);

// Console.WriteLine(b);

string concat = "";

for (int i = a.Length - 1; i >= 0; i--)

{

concat = ((int.Parse(a[i].ToString()) + int.Parse(b[i].ToString())) % 10).ToString() + concat;

}

BigInteger bigRes = BigInteger.Parse(concat);

BigInteger bigA = BigInteger.Parse(a);

BigInteger bigB = BigInteger.Parse(b);

BigInteger sum = bigA + bigB;

BigInteger dif = sum - bigRes;

Console.WriteLine(dif.ToString());

//Console.WriteLine(concat);

}

Console.ReadLine();

}

}

}