**X mod f(x)**

**Time Limit: 6000/3000 MS (Java/Others)**

**Memory Limit: 65536/32768 K (Java/Others)**

**Description**

Here is a function f(x):

int f ( int x ) {

if ( x == 0 ) return 0;

return f ( x / 10 ) + x % 10;

}

Now, you want to know, in a given interval [A, B] (1 <= A <= B <= 10^9), how many integer x that mod f(x) equal to 0.

**Input**

The first line has an integer T (1 <= T <= 50), indicate the number of test cases.

Each test case has two integers A, B.

**Output**

For each test case, output only one line containing the case number and an integer indicated the number of x.

**Sample Input**

2

1 10

11 20

**Sample Output**

Case 1: 10

Case 2: 3