

## 1205 – Palindromic Numbers

A palindromic number or numeral palindrome is a 'symmetrical' number like 16461 that remains the same when its digits are reversed. In this problem you will be given two integers  $i$   $j$ , you have to find the number of palindromic numbers between  $i$  and  $j$  (inclusive).

### Input

Input starts with an integer  $T$  ( $\leq 200$ ), denoting the number of test cases.

Each case starts with a line containing two integers  $i$   $j$  ( $0 \leq i, j \leq 10^{17}$ ).

### Output

For each case, print the case number and the total number of palindromic numbers between  $i$  and  $j$  (inclusive).

Sample Input	Output for Sample Input
4	Case 1: 9
1 10	Case 2: 18
100 1	Case 3: 108
1 1000	Case 4: 198
1 10000	