# 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 (≤ 200)**, denoting the number of test cases.

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

## 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<br>1 10<br>100 1<br>1 1000<br>1 10000 | Case 1: 9<br>Case 2: 18<br>Case 3: 108<br>Case 4: 198 |