

A Gift for You 2

Given two integers **A** and **B**. You have to find the smallest multiple of **A** that is greater than or equal to **B**.

Input

Input starts with an integer **T** ($1 \leq T \leq 100$) denoting the number of test cases. Each test case contains two integers **A** and **B** ($1 \leq A, B \leq 2 \cdot 10^9$).

Output

For each case of input print the case number and the required answer.

| Sample Input | Output for Sample Input |
|--------------|-------------------------|
| 2 | Case 1: 9 |
| 9 9 | Case 2: 6 |
| 3 6 | |

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