

Problem 3: Multiplication

Description:

Compute multiplication of two numbers.

Input Format:

- The first line of the input contains a single integer **T** denoting the number of test cases. The description of **T** test cases follows.
- The first line of each test case contains a single integer **A**.
- The second line of each test case contains a single integer **B**.

Output Format:

For each test case, print a single line containing one integer — the product of **A** and **B**.

Constraints:

- $1 \leq T \leq 10^3$
- $1 \leq A \leq 10^{100}$
- $1 \leq B \leq 10^{100}$

Example Input:

3
10
20
10
30
10
40

Example Output:

200
300
400