

10106 Product

The problem is to multiply two integers X, Y . ($0 \leq X, Y < 10^{250}$)

Input

The input will consist of a set of pairs of lines. Each line in pair contains one multiplier.

Output

For each input pair of lines the output line should consist one integer the product.

Sample Input

```
12
12
2
222222222222222222222222
```

Sample Output

```
144
444444444444444444444444
```