

The Bytelandian Cryptographer (Act II)

Encouraged by his last successful exploit, the Bytelandian fanatic cryptographer impudently encrypted a three-digit number by subtracting 1 from it.

This time he has **really** overstepped the mark! Soldier, go and beat him, for Burger King & Country! Oh, and remember your good manners, use Brainf**k (no other language is allowed).

Input

An encrypted 3-digit positive integer.

Output

The decrypted value.

Example

Input:

699

Output:

700