

## Digit Reversal

### Problem Description

Given an integer, reverse each digit of the number to get a new number. The new number should also satisfy the common form of integers, that is, the highest digit of the new number obtained after the reversal should not be zero unless the given original number is zero.

### Input

An integer  $N$  ( $-1,000,000,000 \leq N \leq 1,000,000,000$ ).

### Output

An integer, representing the new number after reversal

### Sample Input

123

### Sample Output

321

### Hint

#### Sample Input 2

-380

#### Sample Output 2

-83