

# Antik the Numerologist

Siam Hasan Antik is the great Numerologist in Sylhet International University . One day he wants to work with the last digit of those numbers that are multiplied by 9.

You need to help him.

## Input

There are only input N ( $2 < N < 10^{40}$ ).

## Output

print only last digit of  $9 * N$ .

## Example

**Input:**

3

**Output:**

7

**Input:**

99

**Output:**

1