Problem A. Star

Time limit 2000 ms
Mem limit 1048576 kB

Problem Statement

Takahashi is playing a game.

In this game, each time the number of coins you have collected so far becomes a multiple of 100, you get a prize.

Takahashi has collected X coins so far. How many more coins does he need to collect before he gets the next prize? (If X is a multiple of 100, we assume that he has already got the prize for collecting X coins in total.)

Constraints

- $0 \leq X \leq 10^5$

Input

Input is given from Standard Input in the following format:

X

Output

Print the number of additional coins that he needs to collect before he gets the next prize.

Sample 1

Input	Output
140	60

He gets the next prize when he has collected 200 coins in total. To get it, he needs to collect 60 more coins.

Sample 2

Input	Output
1000	100

He gets the next prize when he has collected 1100 coins in total.