

A. Hit the Lottery

time limit per test

1 second

memory limit per test

256 megabytes

input

standard input

output

standard output

Allen has a LOT of money. He has n dollars in the bank. For security reasons, he wants to withdraw it in cash (we will not disclose the reasons here). The denominations for dollar bills are 1, 5, 10, 20, 100. What is the minimum number of bills Allen could receive after withdrawing his entire balance?

Input

The first and only line of input contains a single integer n ($1 \leq n \leq 10^9$).

Output

Output the minimum number of bills that Allen could receive.

Examples

input

Copy

125

output

Copy

3

input

Copy

43

output

Copy

5

input

Copy

1000000000

output

Copy

10000000

Note

In the first sample case, Allen can withdraw this with a 100 dollar bill, a 20 dollar bill, and a 5 dollar bill. There is no way for Allen to receive 125 dollars in one or two bills.

In the second sample case, Allen can withdraw two 20 dollar bills and three 1 dollar bills.

In the third sample case, Allen can withdraw 100000000 (ten million!) 100 dollar bills.