Problem C. Hit the Lottery

Time limit 1000 ms
Mem limit 262144 kB

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 ($1 \le n \le 10^9$).

Output

Output the minimum number of bills that Allen could receive.

Examples

Input	Output
125	3

Input	Output
43	5

Input	Output
1000000000	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.