

Smallest Numbers of Notes

Problem Code: **FLOW005**

Consider a currency system in which there are notes of seven denominations, namely, Rs. 1, Rs. 2, Rs. 5, Rs. 10, Rs. 50, Rs. 100.

If the sum of Rs. **N** is input, write a program to computer smallest number of notes that will combine to give Rs. **N**.

Input

The first line contains an integer **T**, total number of testcases. Then follow **T** lines, each line contains an integer **N**.

Output

Display the smallest number of notes that will combine to give **N**.

Constraints

- $1 \leq T \leq 1000$
 - $1 \leq N \leq 1000000$
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Example

Input

3

1200

500

242

Output

12

5

7