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Smallest Numbers of Notes

Problem Code: **FLOW005**[Submit](#)

Consider a currency system in which there are notes of six 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

For each test case, display the smallest number of notes that will combine to give **N**, in a new line.

Constraints

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

Example

Input

```
3
1200
500
242
```

Output

```
12
5
7
```

All submissions for this problem are available.

Author:	1★ vicky002
Tags:	vicky002
Date Added:	27-04-2015
Time Limit:	1 secs
Source Limit:	50000 Bytes
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