৯ MONEY ৯

In Thailand, only certain denominations of bank notes are valid. The valid bank notes are:

20, 50, 100, 500, 1000

You are given N integers, each representing the value of a bank note. Your task is to compute the total value of all the valid bank notes, ignoring any numbers that are not valid denominations.

Input

The first line contains an integer N ($1 \leqslant N \leqslant 10\,000$), the number of bank notes. Each of the next N lines contains an integer B_i ($1 \leqslant B_i \leqslant 9\,999$), the value of a bank note.

Output

Output the total value of all valid bank notes.

Example

Input	Output
5 20 30 100 20 1000	1140
4 500 70 90 50	550

- In the first example, only 20, 100, 20, and 1 000 are valid.
- In the second example, only 500 and 50 are valid.