PALINDROMES

Maximum time of execution: 0.6 sec/test.
Maximum available memory: 64 MB

Emilian is a very smart boy who loves palindromes. Radu knows this fact so he gifted his friend a set of **n** integers, some being palindromes and other not. Emilian was very happy so he asked himself more questions and he will apriciate if you help him answering one of them. What is the sum of all palindrome integers from the set received from Radu?

TASK
Given a set of **n** integers calculate the sum of the palindrome integers.

INPUT FORMAT
The first line contains the integer **n** and the second line contains **n** integers.

OUTPUT FORMAT
The first line contains only one integer representing the sum of all palindrome integers.

SUBTASKS
- $1 \le n \le$ `1.000.000`
- All integers from the set are less than `1.000.000.000`
- Standard Input and Standard Output

Subtask	Score	Restrictions
1	15 points	All integers from the set are palindromes
2	Another 20 points	All integers from the set are <100
3	Another 30 points	All integers from the set are <1000
4	Another 35 points	Normal restrictions

EXAMPLE:

Input:
5
1 13 22 121 45

Output:
144