Sum of Even Numbers

Problem Statement:

Write a program that reads $\ensuremath{\mathtt{N}}$ integers and prints the sum of the even numbers among them.

Input Specification:

The first line contains a single integer N, the number of integers. The next N lines each contain a single integer.

Output Specification:

Print the sum of the even numbers.

Example Input:

5

1

2

3

4

5

Example Output:

6