Problem: LAB.04.01 - Max Even SubSequence

Description

Given a sequence of n integers a=a_1, . . ., a_n. A subsequence of a consists of contiguous elements of a (for example, a_i, a_{i+1}, . . . ,a_j). The weight of a subsequence is defined to be the sum of its elements. A subsequence is called even-subsequnce if its weight is even. Find the even-subsequence of a having largest weight.

Input

- Line 1: contains a positive integer n (1 <= n <= 10^6)

- Line 2: contains a_1, . . ., a_n (-10^6 <= a_i <= 10^6)

Output

- The weight of the largest even-subsequence found, or write NOT_FOUND if no solution found.

Example

Input

4

1 2 -3 4

Output

4

Sample TestCase

<div style="float:right">C 17 ▾</div>

```
1    Write your Source code here
```

Source code

<div style="float:right">C 17 ▾</div>

```c
1    //C
2    #include <stdio.h>
3
4    int main()
5    {
6
7    }
```

SUBMIT CODE

Or

C 17

Select file

SUBMIT

🔍 Tìm kiếm   ✕   ↺

ID	Bài tập	Trạng thái	Message	Điểm	Ngôn ngữ
657aa3	MAX_EVEN_SUBSEQ	Partial	ℹ	80	CPP17

ID	Bài tập	Trạng thái	Message	Điểm	Ngôn ngữ
d618c9	MAX_EVEN_SUBSEQ	Partial	ⓘ	40	CPP17
e5212a	MAX_EVEN_SUBSEQ	Partial	ⓘ	80	CPP17
7dddcd	MAX_EVEN_SUBSEQ	Partial	ⓘ	60	CPP17

5 hàng ▾ |<   ‹   1-4 của 4   ›   >|