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Problem: LAB.04.01 - Max Even SubSequence

Description

Given a sequence of n integers $a=a_1,\ldots,a_n$. A subsequence of a consists of contiguous elements of a (for example, a_i , a_{i+1},\ldots,a_j). The weight of a subsequence is defined to be the sum of its elements. A subsequence is called even-subsequence 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, \ldots, a_n (-10⁶ <= a_i <= 10⁶)

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

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Sample TestCase

C 17

Write your Source code here

Source code

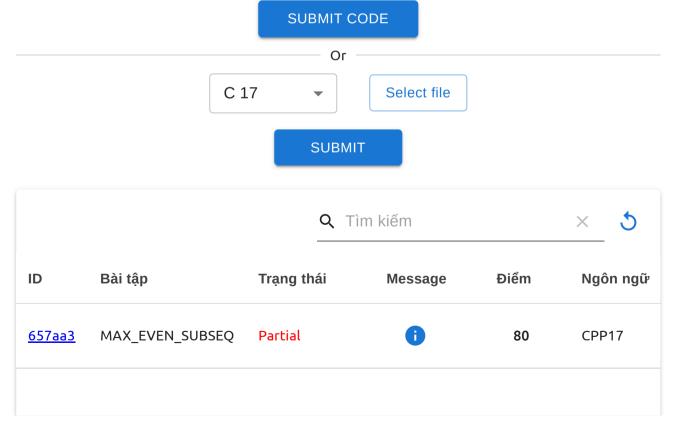
2 #include <stdio.h>

int main()

//C

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ID	Bài tập	Trạng thái	Message	Điểm	Ngôn ngữ
<u>d618c9</u>	MAX_EVEN_SUBSEQ	Partial	•	40	CPP17
<u>e5212a</u>	MAX_EVEN_SUBSEQ	Partial	•	80	CPP17
7dddcd	MAX_EVEN_SUBSEQ	Partial	•	60	CPP17
			5 hàng ▼ <	1-4 cúa 4	> >