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Fashion Show

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Problem

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Kumari is a fashion designer, and she wants to showcase her upcoming line of clothing and accessories in multiple fashion shows during the month. She builds a list of upcoming events and extrapolates how much revenue she can make from each event. She wants to maximize her profit by going to as many events as possible, but she cannot attend all of them due to logistical problems. She can do no more than two consecutive shows. Kumari wonders if she can come up with the optimal selection of events to make the maximum amount of money.

Input Format

Line 1: A single integer N , the number of events in the month
Line 2: N non-negative integers, where the integer in position i represents the profit for event i .

Constraints

$1 \leq N \leq 2 \times 10^5$ The profit for each event is between 0 and 10^4 , inclusive.

Output Format

The output consists of a single non-negative integer, the maximum amount of money that Kumari can earn during this month.

Sample Input 0

```
5
10 3 5 7 3
```

Sample Output 0

```
23
```

Explanation 0

```
10+3+7+3
```

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Max Score: 5

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```
1 #include <cmath>
2 #include <cstdio>
3 #include <vector>
4 #include <iostream>
5 #include <algorithm>
6 using namespace std;
7
8
9 int main() {
10     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
11     return 0;
12 }
```

Line: 1 Col: 1

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