CCSC:MW Programming Competition

Star Waiter

You are an owner of a fine dining restaurant. You need to select a 'Star Waiter' based on the performance of the waiters over the last N working days. To calculate, you rely on the following formula: the maximum number of consecutive working days when the employee has worked more than 6 hours.

Input format

- The first line shows the number of days the waiter has worked denoted by N.
- The second line shows an integer array **L** with N elements. Here **L[i]** represents the number of hours the waiter worked on the i^{th} day.

Output format

Print the rating of the waiter.

Constraints

$1 \leq N \leq 10^5$
$1 \leq$ **L[i]** ≤ 12

Example 1

Input:

7
3 7 8 12 4 9 8

Output:

3

Explanation

Taskload with consecutive hours > 6 = [**7 8 12** 4 **9 8**] => Longest Interval = [7 8 12]

Therefore, return *3*.

Example 2

Input:

12

2 3 7 8 7 6 3 8 12 11 12 10

Output:

5