Six Seven

Input file:	`standard input`
Output file:	`standard output`
Time limit:	1 second
Memory limit:	256 megabytes

For an array a of length n, we define the *aura* of the array to be the number of indices i ($1 \leq i \leq n-1$) such that at least one of the following conditions holds:

- $a_i = 6$ and $a_{i+1} = 7$
- $a_i = 7$ and $a_{i+1} = 6$

You are given an array a of length n. You may perform the following operation any number of times:

- Choose an index i ($1 \leq i \leq n-1$) and swap the elements a_i and a_{i+1} in the array a.

After performing the operation some number of times (possibly zero), you would like to know the maximum possible aura of the resulting array a.

Input

The first line of input contains a single integer n ($2 \leq n \leq 100$).

The second line of input contains n integers $a_1, a_2, ..., a_n$ ($1 \leq a_i \leq 100$).

Output

Output a single integer — the maximum possible aura of the array a after performing any number of operations.

Examples

standard input	standard output
4 1 2 3 4	0
7 2 6 1 7 3 5 4	1
5 6 6 7 7 7	4

Note

In the first example, no number of operations can result in an aura greater than 0.

In the second example, the elements 1 and 6 can be swapped to obtain $[2, 1, 6, 7, 3, 5, 4]$, which has an aura of 1.