

Problem A: Cheese

You're sitting down to enjoy (a lot) of your favorite types of cheese: Cheddar, Gouda, and Havarti. Naturally, you'd like to eat as much as you can. However, you're picky. You'll choose a subset of types of cheese to enjoy, and of those types, you must consume the same quantity.



What is the most cheese you can consume?

Input Specification:

The input consists of a series of test cases, one per line. Each line has a positive integer $1 \leq N \leq 1000$, the number of blocks of cheese, followed by N strings. Each string is one of Cheddar, Gouda, or Havarti. Input ends on a line where $N = 0$.

Output Specification:

For each test case, output the maximum number of blocks of cheese that you can consume.

Sample Input:

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6 Cheddar Cheddar Cheddar Gouda Gouda Havarti
3 Gouda Gouda Havarti
0
```

Sample Output:

```
4
2
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