Valentine's Day '19 J3 - Love!

Time limit: 1.0s **Memory limit:** 64M

> *If I can meet you again, against the 6 billion to 1 odds, even if you can't move, I'll marry you.*
>
> - Hideki Hinata, Angel Beats

Ah, how nice it is to be young and in love! Indeed, Jonathan truly appreciates the love that has been spread around the world. Notably, he admires the word `love`.

Now, Jonathan is provided with a string S from Evan. Jonathan wants to know how many *subsequences* of `love` are contained within the string that was provided. The letters of `love` must be **in order**, but **do not** necessarily have to be consecutive.

Constraints

$|S| \leq 10^4$, where $|S|$ is the length of the string.

For 10% of the points, $|S| \leq 10$.

For an additional 20% of the points, $|S| \leq 100$.

Input Specification

The first line of input will contain a string S.

Output Specification

On a single line, output the number of subsequences `love` in S.

Sample Input 1

```
loveee
```

Sample Output 1

```
3
```

Sample Input 2

```
looxdvxdeee
```

Sample Output 2

```
6
```