

A. Nineteen

time limit per test: 1 second
 memory limit per test: 256 megabytes
 input: standard input
 output: standard output

Alice likes word "nineteen" very much. She has a string s and wants the string to contain as many such words as possible. For that reason she can rearrange the letters of the string.

For example, if she has string "xiineteenppnnnewtnee", she can get string "xnineteenppnineteenw", containing (the occurrences marked) two such words. More formally, word "nineteen" occurs in the string the number of times you can read it starting from some letter of the string. Of course, you shouldn't skip letters.

Help her to find the maximum number of "nineteen"s that she can get in her string.

Input

The first line contains a non-empty string s , consisting only of lowercase English letters. The length of string s doesn't exceed 100.

Output

Print a single integer — the maximum number of "nineteen"s that she can get in her string.

Examples

input	Copy
nniinneetteeeenn	
output	Copy
2	

input	Copy
nneteenabcnneteenabcnneteenabcnneteenabcnneteenabci	
output	Copy
2	

input	Copy
nineteenineteen	
output	Copy
2	

Codeforces Round #230 (Div. 2)

Finished

Practice



→ Virtual participation

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→ Submit?

Language: PyPy 3.6 (7.2.0)

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Be careful: there is 50 points penalty for submission which fails the pretests or resubmission (except failure on the first test, denial of judgement or similar verdicts). "Passed pretests" submission verdict doesn't guarantee that the solution is absolutely correct and it will pass system tests.

[Submit](#)

→ Last submissions

Submission	Time	Verdict
66462554	Dec/07/2019 18:19	Accepted
66461714	Dec/07/2019 18:02	Wrong answer on test 11
66460774	Dec/07/2019 17:43	Wrong answer on test 14
66460441	Dec/07/2019 17:37	Runtime error on test 1
66458540	Dec/07/2019 17:01	Wrong answer on test 3

→ Problem tags

No tags yet

No tag edit access

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