

H P C O D E W A R S X V I I

Walking along the arena track, you almost don't see the misdirecting sign for the event that seems to want to not be discovered near the water table. Then you realize the misinformation is part of the problem! There is an instruction sheet that explains:

A double negative is a sentence which uses two negative words, such as "no", "not", or "don't". Double negatives are often used to emphasize the negative, but in other cases they cancel each other. Some people consider their usage bad grammar. Even when used correctly, we won't disagree that double negatives can make a sentence confusing. More extreme usage may include three, or four, or more negatives in a single statement. Multiple negatives can be used for comic effect or to obscure meaning, but don't say we didn't never warn you not to do it.

Write a program to count the number of negatives in a sentence. Use this list of negative words provided below. The sample input will demonstrate that there may or may not be other forms of negatives we won't be failing to ignore.

**DON'T CAN'T ISN'T HAVEN'T CANNOT WOULD'N'T COULDN'T
WON'T NO NOT NEVER NOBODY NOWHERE NEITHER AIN'T**

Input

Each line of input is a single sentence that ends with a period. Sentences may have one or more of the following punctuation marks: , ; : ? ! "

The input ends with a single period.

```
THERE NEVER WAS NO MAN NOWHERE SO VIRTUOUS.  
AXE YA EX WHAT TALKS IN TONGUES, SAY "NEVER MO NEITHER ME".  
I HAVEN'T NEVER OWED NOTHING TO NO ONE.  
BADGES? WE AIN'T GOT NO BADGES.  
THIS IS A PERFECTLY POSITIVE SENTENCE.  
I CAN'T GET NO, NO, NO, NO, HEY, HEY, HEY, NO SATISFACTION!  
IT WOULD'N'T BE INACCURATE TO ASSUME I COULDN'T SAY THAT I DON'T KNOW WHERE HE'S NOT.  
.
```

Output

The program should print the number of negatives in each sentence, followed by a colon, space, and the sentence.

```
3: THERE NEVER WAS NO MAN NOWHERE SO VIRTUOUS.  
2: AXE YA EX WHAT TALKS IN TONGUES, SAY "NEVER MO NEITHER ME".  
3: I HAVEN'T NEVER OWED NOTHING TO NO ONE.  
2: BADGES? WE AIN'T GOT NO BADGES.  
0: THIS IS A PERFECTLY POSITIVE SENTENCE.  
6: I CAN'T GET NO, NO, NO, NO, HEY, HEY, HEY, NO SATISFACTION!  
4: IT WOULD'N'T BE INACCURATE TO ASSUME I COULDN'T SAY THAT I DON'T KNOW WHERE HE'S NOT.
```

problem 6
**Don't Use
No Double
Negatives**
5 points