Problem #1: Words Replacement - Description

Write a program that reads in a line of text and replaces all four-letter words with the word "love". For example, the input string

- **I hate you, you dodo!** -> I love you, you love!

Of course, the output will not always make sense. For example, the input string

- **John will run home.** -> Love love run love.

**Note that:**

- If the four-letter word starts with a capital letter, it should be replaced by "Love", not by "love". You need not check capitalization, except for the first letter of a word.

- A word is any string consisting of the letters of the alphabet and delimited at each end by a blank, the end of the line, or any other character that is not a letter.
Problem #1: Words Replacement – Input/Output

[ Input ]

2 # The number of case below
I hate you, you dodo!
John will run home.

[ Output ]

I love you, you love!
Love love run love.
Write a program that determines whether a given sentence is represented by element symbols. Is this sentence represented by element symbols?

- I am Simon

This is right. “I” is Iodine, “Am” is Americium, “Si” is Silicon, “Mo” is Molybdenum and “N” is Nitrogen.

Note that:

- Do not consider capital letter and blank in given sentence.(there is no capital letter and blank)
- You should use string class. Do not use char type.
Problem #1: Sentence of Chemist - Description

<table>
<thead>
<tr>
<th>Periodic Table of Elements</th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
</tr>
<tr>
<td>Li Be</td>
</tr>
<tr>
<td>Na Mg</td>
</tr>
<tr>
<td>K Ca Sc Ti V Cr Mn Fe Co Ni Cu Zn Ga Ge As Se Br Kr</td>
</tr>
<tr>
<td>Rb Sr Y Zr Nb Mo Tc Ru Rh Pd Ag Cd In Sn Sb Te I Xe</td>
</tr>
<tr>
<td>Cs Ba * Hf Ta W Re Os Ir Pt Au Hg Tl Pb Bi Po At Rn</td>
</tr>
<tr>
<td>Fr Ra ** Rf Db Sg Bh Hs Mt Ds Rg Cn Fl Lv</td>
</tr>
<tr>
<td>* La Ce Pr Nd Pm Sm Eu Gd Tb Dy Ho Er Tm Yb Lu</td>
</tr>
<tr>
<td>** Ac Th Pa U Np Pu Am Cm Bk Cf Es Fm Md No Lr</td>
</tr>
</tbody>
</table>
Problem #1: Words Replacement – Input/Output

[ Input ]

2 # The number of case below
imsimon
iامsmart

[ Output ]

Case #1
yes
Case #2
no