Editorial - Hogwarts' Defense Against the Dark Arts

In the problem for each testcase given, you must check a single letter in the pattern ***p*** matches exactly one word in the spell ***s***.

One letter cannot represent multiple words and a word can't be represented by more than one letter.

Spells ***s*** represented as space separated words are added into a vector. Size of this vector is checked with the length of the string. If it's false, then it's a mismatch.

A vector of strings of size 26 (***check***) is maintained to keep track of the words represented by each character in the pattern ***p***. and two sets ***l*** and ***w*** to get unique elements.

Using a for loop from 0 to length of the pattern ***p*** in each iteration a letter from the pattern ***p*** will be added to the set ***l*** and a word from the spell will be added to the set ***w***. In each iteration the position of the vector ***check*** represented by the ASCII value of the letter in the pattern, the corresponding word will be added. Before adding the following condition will be checked to fulfill the bijection.

```
if(check[pattern[i]-'a']==""||check[pattern[i]-'a']==words[i]){
    check[pattern[i]-'a']=(words[i]);
}
```

If the above condition fails, it's a mismatch.

Finally, after iterating fully if the sizes of two sets doesn't match it'll result a mismatch too.