

## Pattern Matching Problem

Creating a random name generator is not an easy task. There are so many factors to consider, like the origin of the name, the length of the name, etc... In fact, you would also like to know the structure of words used. Here, the 'structure' of a word is the pattern of vowels and consonants. For example, the structure of 'DWITE' would be (consonant, consonant, vowel, consonant, vowel). Given pairs of names generated by the random name generator, determine if the names have the same structure or not.

The input file **pattern.txt** will contain any number of lines, each having two strings, separated by a single space, and no more than 256 lowercase letters in length.

The output will display the result of comparing the 'structure' of the pair of words. Either **same** or **different**.

*Note:* for the purposes of this question, 'Y' is considered as a consonant.

### Sample Input (pattern.txt):

```
green train  
dwite rocks  
November Canada
```

### Sample Output:

```
same  
different  
different
```