Re.findall() & Re.finditer()

re.findall()

The expression *re.findall()* returns all the non-overlapping matches of patterns in a string as a list of strings.

Code

```
>>> import re
>>> re.findall(r'\w','http://www.hackerrank.com/')
['h', 't', 't', 'p', 'w', 'w', 'w', 'h', 'a', 'c', 'k', 'e', 'r', 'r', 'a', 'n', 'k', 'c', 'o', 'm']
```

re.finditer()

The expression *re.finditer()* returns an iterator yielding `MatchObject` instances over all non-overlapping matches for the *re* pattern in the string.

Code

```
>>> import re
>>> re.finditer(r'\w','http://www.hackerrank.com/')
<callable-iterator object at 0x0266C790>
>>> map(lambda x: x.group(),re.finditer(r'\w','http://www.hackerrank.com/'))
['h', 't', 't', 'p', 'w', 'w', 'w', 'h', 'a', 'c', 'k', 'e', 'r', 'r', 'a', 'n', 'k', 'c', 'o', 'm']
```

Task

You are given a string S. It consists of alphanumeric characters, spaces and symbols(`+` , `-`).
Your task is to find all the substrings of S that contains 2 or more vowels.
Also, these substrings must lie in between 2 consonants and should contain vowels only.

Note :

Vowels are defined as: `AEIOU` and `aeiou` .

Consonants are defined as: `QWRTYPSDFGHJKLZXCVBNM` and `qwrtypsdfghjklzxcvbnm` .

Input Format

A single line of input containing string S.

Constraints

$$0 < len(S) < 100$$

Output Format

Print the matched substrings in their order of occurrence on separate lines.
If no match is found, print `-1` .

Sample Input

```
rabcdeefgyYhFjkloomnpOeorteeeeet
```

Sample Output

```
ee
loo
Oeo
eeeee
```

Explanation

ee is located between consonant d and f.
loo is located between consonant k and m.
Oeo is located between consonant p and r.
eeeee is located between consonant t and t.