



Time Left: 00:07:21

Toggle Vowels - Both Ends

The program must accept a string **S** containing only lower case alphabets as the input. The program must print the output based on the following conditions.

- The program must toggle the first and last occurring lower case vowels to upper case in S and print the revised string as the output.
- The program must repeat the above process till all the lower case vowels are converted to upper case in the string.

Note: There will be at least one vowel in the string S.

Boundary Condition(s):

1 <= Length of S <= 100

Input Format:

The first line contains S.

Output Format:

The lines contain the string values based on the given conditions.

Example Input/Output 1:

Input:
greenapple

Output:
grEenapplE
grEEnApplE

Explanation:

Here S = **greenapple**.

So the lower case vowels in the string S are converted to upper case as given below.

greenapple -> grEenapplE -> grEEnApplE

Example Input/Output 2:

Input:
disestablishment

Output:
dlsestablishmEnt
dlSEstablIshmEnt
dlSEstAbllshmEnt

Example Input/Output 3:

Input:
areyouready

Output:
AreyoureAdy
ArEyourEAdy
ArEyOUReAdy

Max Execution Time Limit: 50 millisecs

Ambiance

Java (12.0)



```

1 import java.util.*;
2 public class Hello {
3
4     public static void main(String[] args) {
5
6         Scanner sc = new Scanner(System.in);
7
8         char[] s = sc.nextLine().toCharArray();
9
10
11         int left=0,right=s.length-1;
12         int i=0;
13
14         while(left<right){
15             boolean changed = false;
16             for(i=0;i<s.length;i++){
17                 if("aeiou".contains(s[i]+"")){
18                     s[i]=(char)(s[i]-32);break;changed=true;}
19
20             left=i;
21             for(i=s.length-1;i>=0;i--){
22                 if("aeiou".contains(s[i]+"")){
23                     s[i]=(char)(s[i]-32);break;changed=true;}
24             right=i;
25             if(changed)
26                 System.out.println(s);
27         }
28
29     }
30 }
31 }

```

1912067@nec

Code did not pass the execution

Input:

greenapple

Expected Output:

grEenapplE
grEEEnAppLE

Your Program Output:

grEenapplE
grEEEnAppLE
grEEEnAppLE

Save

Run