import java.util.\*;

import java.lang.\*;

public class Test{

public static void main(String []args){

int count=0;

Scanner sc=new Scanner(System.in);

String a=sc.next();

int l=a.length();

String s="";

for(int i=l-1;i>=0;i--)

{s=s+a.charAt(i);}

System.out.println(s);

int x;

String str=a.toLowerCase();

for(int j=0;j<l;j++)

{if(str.charAt(j)=='a'||str.charAt(j)=='e'||str.charAt(j)=='i'||str.charAt(j)=='o'||str.charAt(j)=='u')

count++;

else

continue;}

System.out.println(count);

}

}