Write a program to convert all vowels into upper case character and all other should be in lower case character You need to get the input string (It may be in any case) Example : Input 1: KarPAGam Output 2: kArpAgAm

## Code

import java.util.Scanner;  
  
class Main {  
 public static void main(String args[]) {  
 Scanner sc = new Scanner(System.in);  
 String str= sc.nextLine();  
 StringBuilder newString = new StringBuilder(str);  
  
 for (byte i=0; i<newString.length(); ++i) {  
 if (Character.toLowerCase(newString.charAt(i)) == 'a' || Character.toLowerCase(str.charAt(i)) == 'e' || Character.toLowerCase(str.charAt(i)) == 'i' || Character.toLowerCase(str.charAt(i)) == 'o' || Character.toLowerCase(str.charAt(i)) == 'u') {  
 if (newString.charAt(i) > ('a' - 1) && newString.charAt(i) < ('z' + 1))  
 newString.setCharAt(i, Character.toUpperCase(str.charAt(i)));  
 }  
 else  
 if (Character.isLetter(newString.charAt(i)))  
 if (Character.isUpperCase(newString.charAt(i))) {  
 char lc = Character.toLowerCase(str.charAt(i));  
 newString.setCharAt(i, lc);  
 }  
 }  
 System.out.println(newString);  
 }  
}

## Output

KarPAGam  
kArpAgAm