1282. Reverse Vowels of a String

Write a function that takes a string as input and reverse only the vowels of a string.

Example

**Example 1:**

Input : s = "hello"

Output : "holle"

**Example 2:**

Input : s = "lintcode"

Output : "lentcodi".

Notice

The vowels does not include the letter "y".

<https://www.lintcode.com/problem/reverse-vowels-of-a-string/description>

1. */\**
2. *\* To change this license header, choose License Headers in Project Properties.*
3. *\* To change this template file, choose Tools | Templates*
4. *\* and open the template in the editor.*
5. *\*/*
6. **package** javaapplication70;
8. **import** java.util.ArrayList;
9. **import** java.util.Collections;
11. ***/\*\****
12. ***\****
13. ***\* @author Usuario***
14. ***\*/***
15. **public** **class** JavaApplication70 {
17. **public** **static** String reverseVowels(String s) {
18. *// write your code here*
19. **char**[] ch = s.toCharArray();
21. ArrayList<Character> lista =
22. **new** ArrayList();
24. **for**(**int** i =0; i<s.length(); i++) {
25. **if**("aeiouAEIOU".indexOf(s.charAt(i)) > -1) {
26. lista.add(s.charAt(i));
27. }
28. }
30. Collections.reverse(lista);
32. **int** ind = 0;
33. **for**(**int** i =0; i<ch.length; i++) {
34. **if**( "aeiouAEIOU".indexOf(ch[i] ) > -1) {
35. ch[i] = lista.get(ind);
36. ind++;
37. }
38. }
40. **return** **new** String(ch);
42. }

45. **public** **static** **void** main(String[] args) {
46. *// TODO code application logic here*
48. String s = "hello";
50. System.out.println( reverseVowels(s));

53. }
55. }