


Description

Solution 

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Python3 ▾

Autocomplete

i {} ↺ ⚙️ []

345. Reverse Vowels of a String

Easy  4439  2769  Add to List  Share

Given a string `s`, reverse only all the vowels in the string and return it.

The vowels are 'a', 'e', 'i', 'o', and 'u', and they can appear in both lower and upper cases, more than once.

Example 1:

Input: `s = "hello"`

Output: `"holle"`

Example 2:

Input: `s = "leetcode"`

Output: `"leotcede"`

Constraints:

- `1 <= s.length <= 3 * 105`
- `s` consist of **printable ASCII** characters.


Accepted 829.1K

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Seen this question in a real interview before?

Yes

No

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```
1 class Solution:
2     def reverseVowels(self, s: str) -> str:
3         vowels = {'a', 'e', 'i', 'o', 'u'}
4         s = list(s)
5         i = 0
6         j = len(s) - 1
7
8         while i < j:
9             if s[i] in vowels and s[j] in vowels:
10                 s[i], s[j] = s[j], s[i]
11                 i += 1
12                 j -= 1
13             elif s[i] not in vowels:
14                 i += 1
15             elif s[j] not in vowels:
16                 j -= 1
17
18         return ''.join(s)
19
20
21
```


NEW

Console ▾

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