Problem 345: Reverse Vowels of a String

Problem Information

Difficulty: Easy
Acceptance Rate: 59.82%
Paid Only: No
Tags: Two Pointers, String

Problem Description

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 = "IceCreAm"

Output: "AceCreIm"

Explanation:

The vowels in `s` are `['I', 'e', 'e', 'A']`. On reversing the vowels, s becomes `"AceCreIm"`.

Example 2:

Input: s = "leetcode"

Output: "leotcede"

Constraints:

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

Code Snippets

C++:

```cpp
class Solution {
public:
string reverseVowels(string s) {


}
};
```

Java:

```java
class Solution {
public String reverseVowels(String s) {


}
}
```

Python3:

```python
class Solution:
def reverseVowels(self, s: str) -> str:
```