Problem 1119: Remove Vowels from a String

Problem Information

Difficulty: Easy
Acceptance Rate: 0.00%
Paid Only: No

Problem Description

Given a string

s

, remove the vowels

'a'

,

'e'

,

'i'

,

'o'

, and

'u'

from it, and return the new string.

Example 1:

Input:

s = "leetcodeisacommunityforcoders"

Output:

"ltcdscmmntyfrcdrs"

Example 2:

Input:

s = "aeiou"

Output:

""

Constraints:

1 <= s.length <= 1000

s

consists of only lowercase English letters.

Code Snippets

C++:

```
class Solution {
public:
string removeVowels(string s) {

}
};
```

Java:

```
class Solution {
public String removeVowels(String s) {

}
}
```

Python3:

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

Python:

```
class Solution(object):
def removeVowels(self, s):
"""
:type s: str
:rtype: str
"""
```

JavaScript:

```
/**
* @param {string} s
* @return {string}
*/
var removeVowels = function(s) {

};
```

TypeScript:

```
function removeVowels(s: string): string {

};
```

C#:

```
public class Solution {
public string RemoveVowels(string s) {
```

```
}
}
```

C:

```
char * removeVowels(char * s){

}
```

Go:

```
func removeVowels(s string) string {

}
```

Kotlin:

```
class Solution {
fun removeVowels(s: String): String {

}
}
```

Swift:

```
class Solution {
func removeVowels(_ s: String) -> String {

}
}
```

Rust:

```
impl Solution {
pub fn remove_vowels(s: String) -> String {

}
}
```

Ruby:

```
# @param {String} s
# @return {String}
def remove_vowels(s)

end
```

PHP:

```
class Solution {

/**
* @param String $s
* @return String
*/
function removeVowels($s) {

}
}
```

Scala:

```
object Solution {
def removeVowels(s: String): String = {

}
}
```

Solutions

C++ Solution:

```
/*
* Problem: Remove Vowels from a String
* Difficulty: Easy
* Tags: string
*
* Approach: String manipulation with hash map or two pointers
* Time Complexity: O(n) or O(n log n)
* Space Complexity: O(1) to O(n) depending on approach
*/
```

```
class Solution {
public:
string removeVowels(string s) {

}
};
```

Java Solution:

```
/**
* Problem: Remove Vowels from a String
* Difficulty: Easy
* Tags: string
*
* Approach: String manipulation with hash map or two pointers
* Time Complexity: O(n) or O(n log n)
* Space Complexity: O(1) to O(n) depending on approach
*/

class Solution {
public String removeVowels(String s) {

}
}
```

Python3 Solution:

```
"""
Problem: Remove Vowels from a String
Difficulty: Easy
Tags: string

Approach: String manipulation with hash map or two pointers
Time Complexity: O(n) or O(n log n)
Space Complexity: O(1) to O(n) depending on approach
"""

class Solution:
def removeVowels(self, s: str) -> str:
# TODO: Implement optimized solution
pass
```

Python Solution:

```
class Solution(object):
def removeVowels(self, s):
"""
:type s: str
:rtype: str
"""
```

JavaScript Solution:

```
/**
* Problem: Remove Vowels from a String
* Difficulty: Easy
* Tags: string
*
* Approach: String manipulation with hash map or two pointers
* Time Complexity: O(n) or O(n log n)
* Space Complexity: O(1) to O(n) depending on approach
*/

/**
* @param {string} s
* @return {string}
*/
var removeVowels = function(s) {

};
```

TypeScript Solution:

```
/**
* Problem: Remove Vowels from a String
* Difficulty: Easy
* Tags: string
*
* Approach: String manipulation with hash map or two pointers
* Time Complexity: O(n) or O(n log n)
* Space Complexity: O(1) to O(n) depending on approach
*/

function removeVowels(s: string): string {
```

```
};
```

C# Solution:

```
/*
* Problem: Remove Vowels from a String
* Difficulty: Easy
* Tags: string
*
* Approach: String manipulation with hash map or two pointers
* Time Complexity: O(n) or O(n log n)
* Space Complexity: O(1) to O(n) depending on approach
*/

public class Solution {
public string RemoveVowels(string s) {

}
}
```

C Solution:

```
/*
* Problem: Remove Vowels from a String
* Difficulty: Easy
* Tags: string
*
* Approach: String manipulation with hash map or two pointers
* Time Complexity: O(n) or O(n log n)
* Space Complexity: O(1) to O(n) depending on approach
*/



char * removeVowels(char * s){

}
```

Go Solution:

```
// Problem: Remove Vowels from a String
// Difficulty: Easy
// Tags: string
//
// Approach: String manipulation with hash map or two pointers
// Time Complexity: O(n) or O(n log n)
// Space Complexity: O(1) to O(n) depending on approach

func removeVowels(s string) string {

}
```

Kotlin Solution:

```
class Solution {
fun removeVowels(s: String): String {

}
}
```

Swift Solution:

```
class Solution {
func removeVowels(_ s: String) -> String {

}
}
```

Rust Solution:

```
// Problem: Remove Vowels from a String
// Difficulty: Easy
// Tags: string
//
// Approach: String manipulation with hash map or two pointers
// Time Complexity: O(n) or O(n log n)
// Space Complexity: O(1) to O(n) depending on approach

impl Solution {
pub fn remove_vowels(s: String) -> String {

}
```

```
}
```

Ruby Solution:

```
# @param {String} s
# @return {String}
def remove_vowels(s)

end
```

PHP Solution:

```
class Solution {

/**
* @param String $s
* @return String
*/
function removeVowels($s) {

}
}
```

Scala Solution:

```
object Solution {
def removeVowels(s: String): String = {

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}
```