

1071. Greatest Common Divisor of Strings

Solved

Easy Topics Companies Hint

For two strings `s` and `t`, we say "`t` divides `s`" if and only if `s = t + t + t + ... + t + t` (i.e., `t` is concatenated with itself one or more times).

Given two strings `str1` and `str2`, return *the largest string* `x` such that `x` divides both `str1` and `str2`.

Example 1:

Input: `str1 = "ABCABC", str2 = "ABC"`

Output: `"ABC"`

Example 2:

Input: `str1 = "ABABAB", str2 = "ABAB"`

Output: `"AB"`

5.1K 256 ☆ 📄 ?

</> Code

JavaScript 🔒 Auto

```
1 /**
2  * @param {string} str1
3  * @param {string} str2
4  * @return {string}
5  */
6
7 var gcdOfStrings = function(str1, str2) {
8     if(str1+str2 !== str2+str1) return "";
9     let string;
10    if(str1.length > str2.length)
11        string = str2;
12    }else{
13        string = str1;
```

Saved

☑ Testcase >_ Test Result