Leetcode week 1

Repeated substring pattern

459. Repeated Substring Pattern   Solved ⊘

Easy   ⊘ Topics   🔒 Companies

Given a string s, check if it can be constructed by taking a substring of it and appending multiple copies of the substring together.

Example 1:

```
Input: s = "abab"
Output: true
Explanation: It is the substring "ab" twice.
```

Example 2:

```
Input: s = "aba"
Output: false
```

Example 3:

```
Input: s = "abcabcabcabc"
Output: true
Explanation: It is the substring "abc" four
times or the substring "abcabc" twice.
```

Constraints:

6.3K   92   ☆   ⬈   ⊘

Code

C ∨   Auto

```c
bool repeatedSubstringPattern(char* s) {
    int n=strlen(s);
    for(int i=1;i<=(n/2);i++)
    {
        if(n%i==0)
        {
```

Saved   Ln 3, Col 16

Testcase   Test Result

Accepted   Runtime: 1 ms

• Case 1   • Case 2   • Case 3

Input

s =

"abab"

Output

true

Expected

true

♡ Contribute a testcase