

2796. Repeat String Premium

Easy

Write code that enhances all strings such that you can call the `string.replicate(x)` method on any string and it will return repeated string `x` times.

Try to implement it without using the built-in method `string.repeat`.

Example 1:

Input: `str = "hello", times = 2`
Output: `"hellohello"`
Explanation: "hello" is repeated 2 times

Example 2:

Input: `str = "code", times = 3`
Output: `"codecodecode"`
Explanation: "code" is repeated 3 times

Example 3:

Input: `str = "js", times = 1`
Output: `"js"`
Explanation: "js" is repeated 1 time

Constraints:

- `1 <= times <= 105`
- `1 <= str.length <= 1000`

Follow up: Let's assume, for the sake of simplifying analysis, that concatenating strings is a constant time operation `O(1)`. With this assumption in mind, can you write an algorithm with a runtime complexity of `O(Log n)`?

Seen this question in a real interview before? 1/5

Yes No

Accepted 2.6K | Submissions 2.8K | Acceptance Rate 93.1%

Discussion (0)