

5409. Check If a String Contains All Binary Codes of Size K

isions (/contest/biweekly-contest-27/problems/check-if-a-string-contains-all-binary-codes-of-size-k/submissions/)

ntest (/contest/biweekly-contest-27/)

Given a binary string s and an integer k .

Return *True* if any binary code of length k is a substring of s .
Otherwise, return *False*.

Example 1:

Input: $s = "00110110"$, $k = 2$

Output: true

Explanation: The binary codes of length 2 are "00", "01"

User Accepted: 2447

User Tried: 3611

Total Accepted: 2491

Total Submissions: 7740

Difficulty: **Medium**

Example 2:

Input: $s = "00110"$, $k = 2$

Output: true

Example 3:

Input: $s = "0110"$, $k = 1$

Output: true

Explanation: The binary codes of length 1 are "0" and "1", it is clear that both exist as

Example 4:

Input: $s = "0110"$, $k = 2$

Output: false

Explanation: The binary code "00" is of length 2 and doesn't exist in the array.

Example 5:

Input: $s = "0000000001011100"$, $k = 4$

Output: false

Constraints:

- $1 \leq s.length \leq 5 * 10^5$
- s consists of 0's and 1's only.
- $1 \leq k \leq 20$

JavaScript ▼



```
1 ▾ /**
2   * @param {string} s
3   * @param {number} k
4   * @return {boolean}
5   */
6 ▾ var hasAllCodes = function(s, k) {
7
8   };
```

☐ Custom Testcase

Use Example Testcases

Run

Submit

Copyright © 2020 LeetCode

[Help Center \(/support/\)](/support/) | [Terms \(/terms/\)](/terms/) | [Privacy Policy \(/privacy/\)](/privacy/) [United States \(/region/\)](/region/)