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

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*.

User Accepted:	2447
User Tried:	3611
Total Accepted:	2491
Total Submissions:	7740
Difficulty:	Medium

Example 1:

```
Input: s = "00110110", k = 2
Output: true
Explanation: The binary codes of length 2 are "00", "01"
```

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.
```
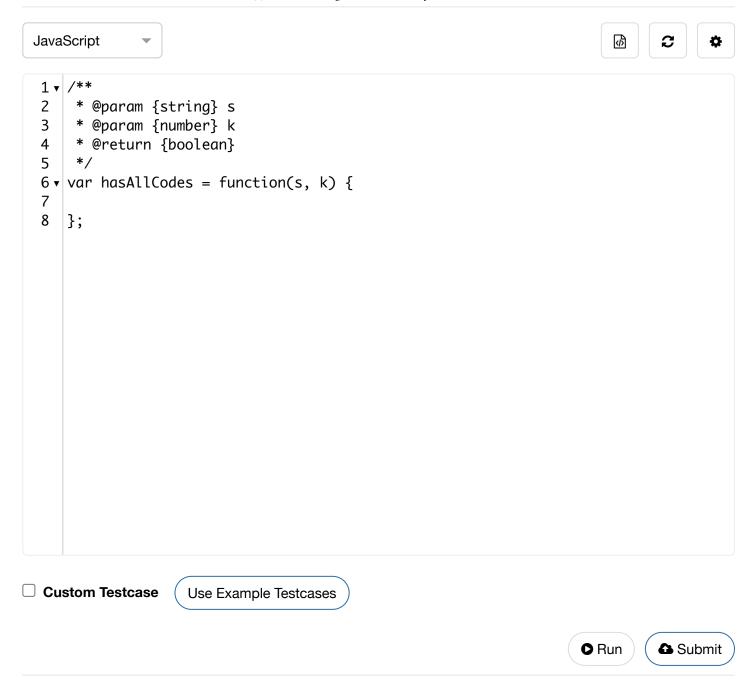
Example 5:

```
Input: s = "0000000001011100", k = 4
Output: false
```

Constraints:

- `1 <= s.length <= 5 * 10^5`
- `s` consists of 0's and 1's only.
- `1 <= k <= 20`

JavaScript ▾

```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