5499. Detect Pattern of Length M Repeated K or More Times

Given an array of positive integers `arr`, find a pattern of length `m` that is repeated `k` or more times.

A **pattern** is a subarray (consecutive sub-sequence) that consists of one or more values, repeated multiple times **consecutively** without overlapping. A pattern is defined by its length and the number of repetitions.

Return `true` *if there exists a pattern of length* `m` *that is repeated* `k` *or more times, otherwise return* `false`.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Easy

Example 1:

```
Input: arr = [1,2,4,4,4,4], m = 1, k = 3
Output: true
Explanation: The pattern (4) of length 1 is repeated 4 consecutive times. Notice that patt
```

Example 2:

```
Input: arr = [1,2,1,2,1,1,1,3], m = 2, k = 2
Output: true
Explanation: The pattern (1,2) of length 2 is repeated 2 consecutive times. Another valid
```

Example 3:

```
Input: arr = [1,2,1,2,1,3], m = 2, k = 3
Output: false
Explanation: The pattern (1,2) is of length 2 but is repeated only 2 times. There is no pa
```

Example 4:

```
Input: arr = [1,2,3,1,2], m = 2, k = 2
Output: false
Explanation: Notice that the pattern (1,2) exists twice but not consecutively, so it doesn
```

Example 5:

```
Input: arr = [2,2,2,2], m = 2, k = 3
Output: false
Explanation: The only pattern of length 2 is (2,2) however it's repeated only twice. Notic
```

Constraints:

- `2 <= arr.length <= 100`
- `1 <= arr[i] <= 100`
- `1 <= m <= 100`
- `2 <= k <= 100`

JavaScript ▼

```javascript
/**
 * @param {number[]} arr
 * @param {number} m
 * @param {number} k
 * @return {boolean}
 */
const containsPattern = (arr, m, k) => {
    let n = arr.length;
    let s = arr.join("");
    for (let i = 0; i < n; i++) {
        let item = s.slice(i, i + m);
        let target = s.slice(i, i + m * k);
        let tmp = item.repeat(k);
        if (tmp == target) return true;
    }
    return false;
};
```

☐ **Custom Testcase**   (Use Example Testcases)

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