

6288. Find Consecutive Integers from a Data Stream

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For a stream of integers, implement a data structure that checks if the last k integers parsed in the stream are **equal** to value.

Implement the DataStream class:

- DataStream(int value, int k) Initializes the object with an empty integer stream and the two integers value and k.
- boolean consec(int num) Adds num to the stream of integers. Returns true if the last k integers are
 equal to value, and false otherwise. If there are less than k integers, the condition does not hold true, so
 returns false.

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

Example 1:

Constraints:

- 1 <= value, num <= 10⁹
- 1 <= k <= 10⁵
- At most 10^5 calls will be made to consec.

```
JavaScript
                                                                                                                  Ø
                                                                                                                      C
1 ▼ function DataStream(v, k) {
2
        let a = [];
        return { consec }
3
4 •
        function consec(x) {
 5
            a.push(x);
 6
            if (a.length < k) return false;
7 •
            for (let i = a.length - 1, cnt = 0; cnt < k && i >= 0; cnt++, i--) {
8
                if (a[i] != v) return false;
9
10
            return true;
        }
11
   }
12
```

☐ Custom Testcase Use Example Testcases

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