

# Problem 2619: Array Prototype Last

## Problem Information

**Difficulty:** Easy

**Acceptance Rate:** 0.00%

**Paid Only:** No

## Problem Description

Write code that enhances all arrays such that you can call the

`array.last()`

method on any array and it will return the last element. If there are no elements in the array, it should return

`-1`

.

You may assume the array is the output of

`JSON.parse`

.

Example 1:

Input:

`nums = [null, {}, 3]`

Output:

`3`

Explanation:

Calling `nums.last()` should return the last element: 3.

Example 2:

Input:

```
nums = []
```

Output:

-1

Explanation:

Because there are no elements, return -1.

Constraints:

`arr`

is a valid JSON array

$0 \leq \text{arr.length} \leq 1000$

## Code Snippets

**JavaScript:**

```
/**
 * @return {null|boolean|number|string|Array|Object}
 */
Array.prototype.last = function() {

};

/**
```

```
* const arr = [1, 2, 3];
* arr.last(); // 3
*/
```

## TypeScript:

```
interface Array<T> {
  last(): T | -1;
}

Array.prototype.last = function() {

};

/**
 * const arr = [1, 2, 3];
 * arr.last(); // 3
 */
```

## Solutions

### JavaScript Solution:

```
/**
 * Problem: Array Prototype Last
 * Difficulty: Easy
 * Tags: array
 *
 * Approach: Use two pointers or sliding window technique
 * Time Complexity: O(n) or O(n log n)
 * Space Complexity: O(1) to O(n) depending on approach
 */

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