

Problem 2727: Is Object Empty

Problem Information

Difficulty: [Easy](#)

Acceptance Rate: 0.00%

Paid Only: No

Problem Description

Given an object or an array, return if it is empty.

An empty object contains no key-value pairs.

An empty array contains no elements.

You may assume the object or array is the output of

`JSON.parse`

.

Example 1:

Input:

```
obj = {"x": 5, "y": 42}
```

Output:

```
false
```

Explanation:

The object has 2 key-value pairs so it is not empty.

Example 2:

Input:

obj = {}

Output:

true

Explanation:

The object doesn't have any key-value pairs so it is empty.

Example 3:

Input:

obj = [null, false, 0]

Output:

false

Explanation:

The array has 3 elements so it is not empty.

Constraints:

obj

is a valid JSON object or array

$2 \leq \text{JSON.stringify(obj).length} \leq 10$

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Can you solve it in O(1) time?

Code Snippets

JavaScript:

```
/**  
 * @param {Object|Array} obj  
 * @return {boolean}  
 */  
  
var isEmpty = function(obj) {  
  
};
```

TypeScript:

```
type JSONValue = null | boolean | number | string | JSONValue[] | { [key:  
string]: JSONValue };  
  
type Obj = Record<string, JSONValue> | JSONValue[]  
  
function isEmpty(obj: Obj): boolean {  
  
};
```

Solutions

JavaScript Solution:

```
/**  
 * Problem: Is Object Empty  
 * Difficulty: Easy  
 * Tags: array, string  
 *  
 * 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  
 */  
  
/**  
 * @param {Object|Array} obj  
 * @return {boolean}
```

```
*/  
var isEmpty = function(obj) {  
};
```

TypeScript Solution:

```
/**  
 * Problem: Is Object Empty  
 * Difficulty: Easy  
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