

Problem 2727: Is Object Empty

Problem Information

Difficulty: Easy

Acceptance Rate: 81.64%

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 <= JSON.stringify(obj).length <= 105`

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 {  
  
};
```