

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 {

};
```