

Problem List

2759. Convert JSON String to Object

Premium

Solved

Hard

Given a string `str`, return parsed JSON `parsedStr`. You may assume the `str` is a valid JSON string hence it only includes strings, numbers, arrays, objects, booleans, and null. `str` will not include invisible characters and escape characters.

Please solve it without using the built-in `JSON.parse` method.

Example 1:

Input: `str = '{"a":2,"b":[1,2,3]}'`
Output: `{"a":2,"b":[1,2,3]}`
Explanation: Returns the object represented by the JSON string.

Example 2:

Input: `str = 'true'`
Output: `true`
Explanation: Primitive types are valid JSON.

Example 3:

Input: `str = '[1,5,"false",{"a":2}]'`
Output: `[1,5,"false",{"a":2}]`
Explanation: Returns the array represented by the JSON string.

Constraints:

- `str` is a valid JSON string
- `1 <= str.length <= 105`

Seen this question in a real interview before?

1/5

Yes No

Accepted

369

Submissions

556

Acceptance Rate

66.4%

Discussion (1)

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Code

JavaScript

Auto

1 /**
2 * @param {string} str
3 * @return {null|boolean|number|string|Array|Object}
4 */
5 var jsonParse = function(str) {
6 return eval('(' + str + ')');
7 };
8
9

Saved

Ln 9, Col 3

Testcase

Test Result

Accepted

Runtime: 61 ms

Case 1

Case 2

Case 3

Input

'{"a":2,"b":[1,2,3]}'

Output

{"a":2,"b":[1,2,3]}

Expected

{ "a": 2, "b": [1, 2, 3] }