

Problem 2690: Infinite Method Object

Problem Information

Difficulty: [Easy](#)

Acceptance Rate: 0.00%

Paid Only: No

Problem Description

Write a function that returns an infinite-method object

An infinite-method object

is defined as an object that allows you to call any method and it will always return the name of the method.

For example, if you execute

```
obj.abc123()
```

, it will return

```
"abc123"
```

Example 1:

Input:

```
method = "abc123"
```

Output:

```
"abc123"
```

Explanation:

```
const obj = createInfiniteObject(); obj['abc123'](); // "abc123" The returned string should always match the method name.
```

Example 2:

Input:

```
method = ".-qw73n|^2lt"
```

Output:

```
".-qw73n|^2lt"
```

Explanation:

The returned string should always match the method name.

Constraints:

```
0 <= method.length <= 1000
```

Code Snippets

JavaScript:

```

    /**
 * @return {Object}
 */
var createInfiniteObject = function() {

};

/**
 * const obj = createInfiniteObject();
 * obj['abc123'](); // "abc123"
 */

```

TypeScript:

```

function createInfiniteObject(): Record<string, () => string> {

};

/**
 * const obj = createInfiniteObject();
 * obj['abc123'](); // "abc123"
 */

```

Solutions

JavaScript Solution:

```

    /**
 * Problem: Infinite Method Object
 * Difficulty: Easy
 * Tags: string
 *
 * Approach: String manipulation with hash map or two pointers
 * Time Complexity: O(n) or O(n log n)
 * Space Complexity: O(1) to O(n) depending on approach
 */

/**
 * @return {Object}
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var createInfiniteObject = function() {

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/**
* const obj = createInfiniteObject();
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TypeScript Solution:

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function createInfiniteObject(): Record<string, () => string> {

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* const obj = createInfiniteObject();
* obj['abc123'](); // "abc123"
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