

# 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
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 * @return {Object}
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## TypeScript Solution:

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

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 * const obj = createInfiniteObject();
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