

# Problem 2758: Next Day

## Problem Information

**Difficulty:** Easy

**Acceptance Rate:** 0.00%

**Paid Only:** No

## Problem Description

Write code that enhances all date objects such that you can call the

`date.nextDay()`

method on any date object and it will return the next day in the format

YYYY-MM-DD

as a string.

Example 1:

Input:

`date = "2014-06-20"`

Output:

`"2014-06-21"`

Explanation:

```
const date = new Date("2014-06-20"); date.nextDay() // "2014-06-21"
```

Example 2:

Input:

```
date = "2017-10-31"
```

Output:

```
"2017-11-01"
```

Explanation:

The day after 2017-10-31 is 2017-11-01.

Constraints:

```
new Date(date)
```

is a valid date object

## Code Snippets

**JavaScript:**

```
/**  
 * @return {string}  
 */  
Date.prototype.nextDay = function() {  
  
}  
  
/**  
 * const date = new Date("2014-06-20");  
 * date.nextDay(); // "2014-06-21"  
*/
```

**TypeScript:**

```
interface Date {  
nextDay(): string;  
}
```

```
Date.prototype.nextDay = function(): string {  
  
}  
  
/**  
 * const date = new Date("2014-06-20");  
 * date.nextDay(); // "2014-06-21"  
 */
```

## Solutions

### JavaScript Solution:

```
/**  
 * Problem: Next Day  
 * 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 {string}  
 */  
Date.prototype.nextDay = function() {  
  
}  
  
/**  
 * const date = new Date("2014-06-20");  
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```

### TypeScript Solution:

```
/**  
 * Problem: Next Day  
 * Difficulty: Easy
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```
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* Approach: String manipulation with hash map or two pointers
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*/
interface Date {
nextDay(): string;
}

Date.prototype.nextDay = function(): string {

}

/***
* const date = new Date("2014-06-20");
* date.nextDay(); // "2014-06-21"
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```