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Day 6: JavaScript Dates ★

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Objective

In this challenge, we learn about JavaScript Dates. Check out the attached tutorial for more details.

Task

Given a date string, $dateString$, in the format `MM/DD/YYYY`, find and return the day name for that date. Each day name must be one of the following strings: `Sunday`, `Monday`, `Tuesday`, `Wednesday`, `Thursday`, `Friday`, or `Saturday`. For example, the day name for the date `12/07/2016` is `Wednesday`.

Input Format

Locked stub code in the editor reads the following input from stdin:

The first line contains an integer, d, denoting the number of dates to check.

Each line i of the d subsequent lines contains a date in `MM/DD/YYYY` format; each date denotes some $dateString$ that is passed to the function.

Constraints

- It is guaranteed that the input only consists of valid dates.

Output Format

The function must return a string denoting the day of the week corresponding to the date denoted by $dateString$.

Sample Input 0

```
2
10/11/2009
11/10/2010
```

Sample Output 0

```
Sunday
Wednesday
```

Explanation 0

The function is called for the following $d = 2$ dates:

1. The date `10/11/2009` was a Sunday, so we return `Sunday`.

2. The date `11/10/2010` was a Wednesday, so we return `Wednesday`.

Change Theme   Language: JavaScript (Node.js)
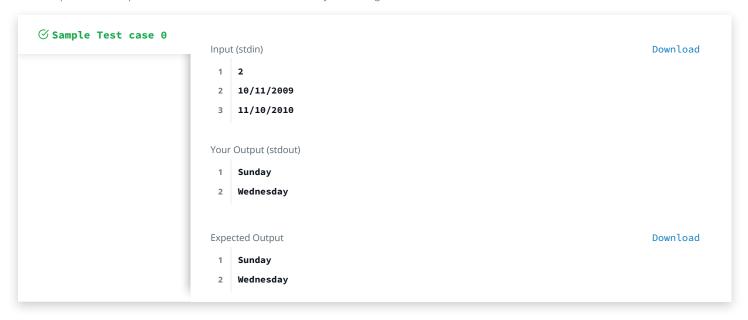
```
 1    'use strict'; ⋯
24
25    // The days of the week are: "Sunday", "Monday", "Tuesday", "Wednesday", "Thursday",
      "Friday", "Saturday"
26    function getDayName(dateString) {
27
28        const weekDays = ['Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday',
      'Saturday'];
29        const day = new Date(dateString).getDay();
30
```

```
30
31        return weekDays[day];
32    }
33
34
35    function main() {
36        const d = +(readLine());
37
38        for (let i = 0; i < d; i++) {
39            const date = readLine();
40
41            console.log(getDayName(date));
42        }
43    }
```

Line: 34 Col: 1

⬆ Upload Code as File   ☐ Test against custom input

Run Code   Submit Code

Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

⊘ **Sample Test case 0**

Input (stdin)   Download

```
1    2
2    10/11/2009
3    11/10/2010
```

Your Output (stdout)

```
1    Sunday
2    Wednesday
```

Expected Output   Download

```
1    Sunday
2    Wednesday
```