

A Week Later

Published by [Mubashir Hassan](#) in [JavaScript](#) ▼

dates

formatting

strings

Create a function which takes in a date as a string, and **returns the date a week after**.

Examples

```
weekAfter("12/03/2020") → "19/03/2020"
```

```
weekAfter("21/12/1989") → "28/12/1989"
```

```
weekAfter("01/01/2000") → "08/01/2000"
```

Notes

- Note that dates will be given in **day/month/year** format.
- Single digit numbers should be **zero padded**.
- See **Resources** for some helpful tutorials on JavaScript dates.

SUGGEST EDIT

Code

```
JS weekAfter.js > ...
1  const pad = (str) => {
2    |   return `0${str}`.slice(-2);
3  };
4
5  const weekAfter = (str) => {
6    |   const [d, m, y] = str.split('/');
7    |   const today = new Date(+y, +m - 1, +d);
8    |   today.setDate(today.getDate() + 7);
9    |
10   |   const dd = pad(today.getDate());
11   |   const mm = pad(today.getMonth() + 1);
12   |   const yy = today.getFullYear();
13   |
14   |   return `${dd}/${mm}/${yy}`;
15  };
16
17  // Tests
18  console.log(weekAfter('12/03/2020'), '19/03/2020');
19  console.log(weekAfter('21/12/1989'), '28/12/1989');
20  console.log(weekAfter('01/01/2000'), '08/01/2000');
21
```

Run

```
PS C:\js\edabit\e> node weekAfter.js
19/03/2020 19/03/2020
28/12/1989 28/12/1989
08/01/2000 08/01/2000
PS C:\js\edabit\e> 
```