

JavaScript For Web

Week 1, Tutorial 3

Assignment 1, Exercise 2

Create a `.js` file named `exercise2.js` and do the followings:

- Print out the value "Hello World" in the console.
- Declare a constant variable `MAX` with the value `57`
- Set another variable `actual` to `MAX - 13`
- Set another variable `percentage` to `actual / MAX`
- Print out the statement that should be **exactly**: "The percentage is 0.77"

The console output should be:

```
Hello World  
The percentage is 0.77
```

Tips for this exercise:

- You can create a `index.html` file and add `exercise2.js` to run the script. You don't need to submit `index.html`
- You might notice `percentage` is a value like `0.7719...`, try to search how to print out this in the format of 2 decimal places.

You will include `exercise2.js` to `assingment1.zip` and submit to Canvas later.

Assignment 1, Exercise 2, Sample Solution

```
<!-- index.html -->

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script src = "exercise2.js"></script>
</body>
</html>
```

```
// exercise2.js

console.log("Hello World")

const MAX = 57
const actual = MAX - 13
const percentage = actual / MAX

const result = "The percentage is " + percentage.toFixed(2)
console.log(result)
```

Reference: [How to round the number to 2 decimals.](#)