



## JS Output

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# JavaScript Output

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JavaScript does NOT have any built-in print or display functions.

## JavaScript Display Possibilities

JavaScript can "display" data in different ways:

- Writing into an alert box, using **window.alert()**.
- Writing into the HTML output using **document.write()**.
- Writing into an HTML element, using **innerHTML**.
- Writing into the browser console, using **console.log()**.

## Using window.alert()

You can use an alert box to display data:

### Example

```
<!DOCTYPE html>
<html>
<body>

<h1>My First Web Page</h1>
<p>My first paragraph.</p>
```

```
<script>
window.alert(5 + 6);
</script>

</body>
</html>
```

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## Using document.write()

For testing purposes, it is convenient to use **document.write()**:

### Example

```
<!DOCTYPE html>
<html>
<body>

<h1>My First Web Page</h1>
<p>My first paragraph.</p>

<script>
document.write(5 + 6);
</script>

</body>
</html>
```

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Using document.write() after an HTML document is fully loaded, will **delete all existing HTML**:

### Example

```
<!DOCTYPE html>
<html>
```

```
<body>

<h1>My First Web Page</h1>
<p>My first paragraph.</p>

<button onclick="document.write(5 + 6)">Try
it</button>

</body>
</html>
```

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The `document.write()` method should be used only for testing.

## Using innerHTML

To access an HTML element, JavaScript can use the **`document.getElementById(id)`** method.

The **`id`** attribute defines the HTML element. The **`innerHTML`** property defines the HTML content:

### Example

```
<!DOCTYPE html>
<html>
<body>

<h1>My First Web Page</h1>
<p>My First Paragraph</p>

<p id="demo"></p>

<script>
document.getElementById("demo").innerHTML = 5 + 6;
</script>

</body>
```

</html>

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To "display data" in HTML, (in most cases) you will set the value of an innerHTML property.

## Using console.log()

In your browser, you can use the **console.log()** method to display data.

Activate the browser console with F12, and select "Console" in the menu.

### Example

```
<!DOCTYPE html>
<html>
<body>

<h1>My First Web Page</h1>
<p>My first paragraph.</p>

<script>
console.log(5 + 6);
</script>

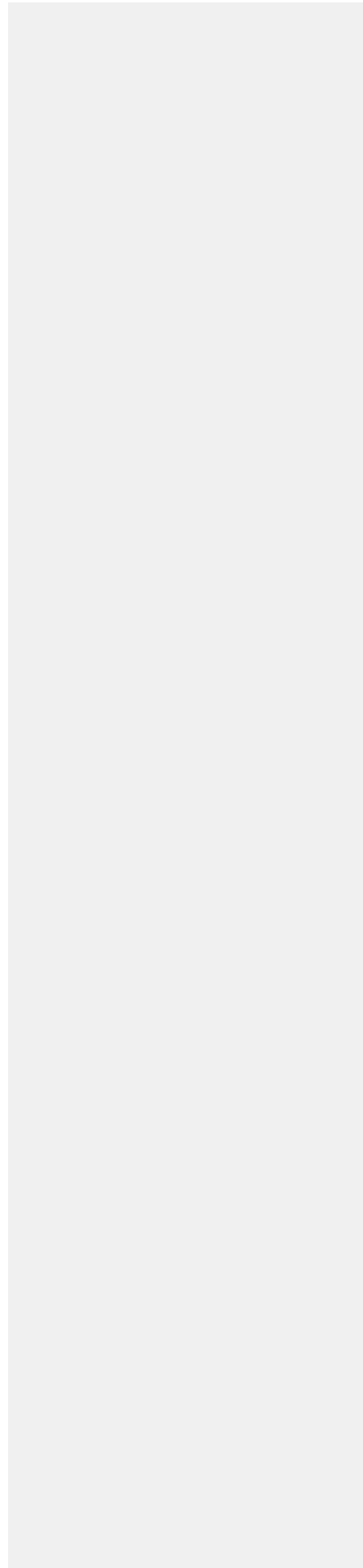
</body>
</html>
```

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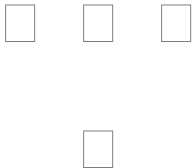
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REPORT ERROR

PRINT PAGE

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