HTML JavaScript

JavaScript makes HTML pages more dynamic and interactive.

Example

My First JavaScript

[Click me to display Date and Time]

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The HTML <script> Tag

The `<script>` tag is used to define a client-side script (JavaScript).

The `<script>` element either contains scripting statements, or it points to an external script file through the `src` attribute.

Common uses for JavaScript are image manipulation, form validation, and dynamic changes of content.

To select an HTML element, JavaScript very often uses the `document.getElementById()` method.

This JavaScript example writes "Hello JavaScript!" into an HTML element with id="demo":

Example

```
<script>
document.getElementById("demo").innerHTML = "Hello JavaScript!";
</script>
```

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A Taste of JavaScript

Here are some examples of what JavaScript can do:

JavaScript can change HTML content

```
document.getElementById("demo").innerHTML = "Hello JavaScript!";
```

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JavaScript can change HTML styles

```
document.getElementById("demo").style.fontSize = "25px";
document.getElementById("demo").style.color = "red";
document.getElementById("demo").style.backgroundColor = "yellow";
```
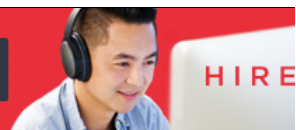
Try it Yourself »

JavaScript can change HTML attributes

```
document.getElementById("image").src = "picture.gif";
```

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The HTML <noscript> Tag

The `<noscript>` tag is used to provide an alternate content for users that have disabled scripts in their browser or have a browser that doesn't support client-side scripts:

Example

```
<script>
document.getElementById("demo").innerHTML = "Hello JavaScript!";
</script>
```

Try it Yourself »

HTML Script Tags

Tag	Description
<script>	Defines a client-side script
<noscript>	Defines an alternate content for users that do not support client-side scripts

HTML Exercises

Test Yourself With Exercises

Exercise:

Use JavaScript to change the HTML content of the `<p>` element to "Hello World!".

```
<body>

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

<script>
document._____("demo").innerHTML = "Hello World!";
</script>

</body>
```

Submit Answer »

Start the Exercise