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## JavaScript How to

The HTML `<script>` tag is used to insert a JavaScript into an HTML page.

### Writing to the HTML Document

The example below writes a `<p>` element with current date information to the HTML document by using (i) the method `write` of the object `document` and (ii) the `date` function/object, which gives the current time.

Display the HTML

Reset

```
<html>
<body>
  <h4>My Web Page</h4>
  <script type="text/javascript">
    document.write( "<p>" + Date( ) + "</p>" );
  </script>
</body>
```

To insert a JavaScript into an HTML page, use the `<script>` tag. Inside the `<script>` tag, use the type attribute to define the scripting language. The `<script type="text/javascript">` and `</script>` tells where the JavaScript starts & ends and are executed by the browser.

### Changing HTML Elements

The example below writes the current date into an existing `<p>` element. To manipulate HTML elements, the example uses

- the method `getElementById` of the object `document` and
- the property `innerHTML`, which defines both the HTML code and the text that occurs between that element's opening and closing tag. Each HTML element has an `innerHTML` property.

Display the HTML

Reset

```
<html>
<body>
  <h4>My Web Page</h4>
  <p id="demo">Current time</p>
  <script type="text/javascript">
    document.getElementById("demo").innerHTML=Date();
  </script>
```

## Demonstration

The following demonstration shows how the script of HTML and JavaScript is displayed on the Web.

Display the HTML

Reset

```
<html>
<body>
  <script type="text/javascript">

    document.write( "<h4>" + document.referrer + "</h4>" )

  </script>
</body>
</html>
```

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