

# JAVA SCRIPT





# what JavaScript can do

- Reference W3Schools

# JavaScript Can Change HTML Content

- One of many JavaScript HTML methods is **getElementById()**.
- This example uses the method to "find" an HTML element (with id="demo") and changes the element content (**innerHTML**) to "Hello JavaScript":

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<h2>What Can JavaScript Do?</h2>
```

```
<p id="demo">JavaScript can change HTML content.</p>
```

```
<button type="button"
```

```
onclick='document.getElementById("demo").innerHTML = "Hello  
JavaScript!'">Click Me!</button>
```

```
</body>
```

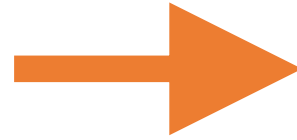
```
</html>
```



# What Can JavaScript Do?

JavaScript can change HTML content.

Click Me!



# What Can JavaScript Do?

Hello JavaScript!

Click Me!

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

<h2>What Can JavaScript Do?</h2>

<p id="demo">JavaScript can change HTML content.</p>

<button type="button"
onclick='document.getElementById("demo").innerHTML = "Hello
JavaScript!" '>Click Me!</button>

</body>
</html>
```

## What Can JavaScript Do?

JavaScript can change HTML content.

Click Me!



## What Can JavaScript Do?

Hello JavaScript!

Click Me!

JavaScript accepts both double and single quotes:

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

<h2>What Can JavaScript Do?</h2>

<p id="demo">JavaScript can change HTML content.</p>

<button type="button"
onclick='document.getElementById("demo").innerHTML = "Hello
JavaScript!'">Click Me!</button>

</body>
</html>
```



```
<button type="button"
onclick="document.getElementById('demo').innerHTML = 'Hello
JavaScript!'">Click Me!</button>
```



## JavaScript Can Change HTML Attribute Values

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

<h2>What Can JavaScript Do?</h2>

<p>JavaScript can change HTML attribute values.</p>

<p>In this case JavaScript changes the value of the src (source) attribute of an image.</p>

<button onclick="document.getElementById('myImage').src='pic_bulbon.gif'">Turn on the light</button>



<button onclick="document.getElementById('myImage').src='pic_bulboff.gif'">Turn off the light</button>

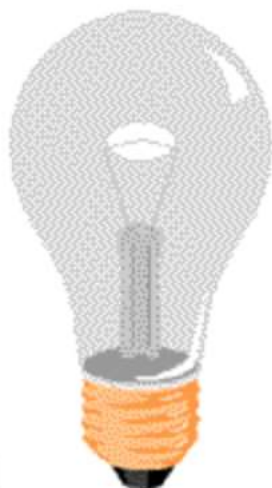
</body>
</html>
```



## What Can JavaScript Do?

JavaScript can change HTML attribute values.

In this case JavaScript changes the value of the src (source) attribute of an image.



Turn on the light

Turn off the light



Turn on the light

Turn off the light

## What Can JavaScript Do?

JavaScript can change HTML attribute values.

In this case JavaScript changes the value of the src (source) attribute of an image.

# JavaScript Can Change HTML Styles (CSS)

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

<h2>What Can JavaScript Do?</h2>

<p id="demo">JavaScript can change the style of an HTML element.</p>

<button type="button" onclick="document.getElementById('demo').style.fontSize='35px'">Click Me!</button>

</body>
</html>
```



## What Can JavaScript Do?

JavaScript can change the style of an HTML element.

Click Me!



## What Can JavaScript Do?

JavaScript can change the style of an HTML element.

Click Me!

# JavaScript Can Hide HTML Elements

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

<h2>What Can JavaScript Do?</h2>

<p id="demo">JavaScript can hide HTML elements.</p>

<button type="button"
onclick="document.getElementById('demo').style.display='none'">Click Me!
</button>

</body>
</html>
```



# JavaScript Can Hide HTML Elements

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

<h2>What Can JavaScript Do?</h2>

<p id="demo">JavaScript can hide HTML elements.</p>

<button type="button"
onclick="document.getElementById( 'demo' ).style.display='none' ">Click Me!
</button>

</body>
</html>
```

## What Can JavaScript Do?

JavaScript can hide HTML elements.

Click Me!



## What Can JavaScript Do?

Click Me!

## JavaScript Can Show HTML Elements

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

<h2>What Can JavaScript Do?</h2>

<p>JavaScript can show hidden HTML elements.</p>

<p id="demo" style="display:none">Hello JavaScript!</p>

<button type="button"
onclick="document.getElementById( 'demo' ).style.display='block' ">Click Me!
</button>

</body>
</html>
```



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

<h2>What Can JavaScript Do?</h2>

<p>JavaScript can show hidden HTML elements.</p>

<p id="demo" style="display:none">Hello JavaScript!</p>

<button type="button"
onclick="document.getElementById('demo').style.display='block'">Click Me!
</button>

</body>
</html>
|
```

## What Can JavaScript Do?

JavaScript can show hidden HTML elements.

Click Me!



## What Can JavaScript Do?

JavaScript can show hidden HTML elements.

Hello JavaScript!

Click Me!

