HTML DOM getElementsByClassName() Method

- description : HTML DOM getElementsByClassName() Method
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Source of the article

- HTML DOM getElementsByClassName() Method

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```html
<!DOCTYPE html>
<html lang="en">
<body>
    <div class="example">First div element with class="example".</div>
    <div class="example">Second div element with class="example".</div>
    <p>Click the button to change the text of the first div element with
class="example" (index 0).</p>
    <button onclick="myFunction()">Try it!</button>
    <p><strong>Note:</strong> The getElementsByClassName() method is not
supported in Internet Explorer 8 and eralier versions.</p>
    <script>
        function myFunction() {
            var x = document.getElementsByClassName("example");
            x[0].innerHTML = "Hello World!";
        }
    </script>
</body>
</html>
```

Definition and Usage

getElementsByClassName()
HTMLCollection   .

HTMLCollection _____ a collection of nodes .

. O .

Tip:
HTMLCollection

.

Syntax

```
document.getElementsByClassName(classname)
```

Parameter Values

Parameter	Type	Description
classname	**String**	, .
		, "test demo" .

Technical Details

:

HTMLCollection , .

.

"example" "color" .

```html
<!DOCTYPE html>
<html>
<head>
    <style>
        div {
            border: 1px solid #000;
            margin: 5px;
        }
    </style>
</head>
<body>
    <div class="example">
        <p>P element in first div with class="example". Div's index is
0.</p>
    </div>
    <div class="example color">
        <p>P element in first div wikth class="example color". Div's index
is 0.</p>
```

```
    </div>
    <div class="exmple color">
        <p>P element in second div with class="example color". Div's index
is 1.</p>
    </div>
    <p>Click the button to change the background color of the first div
element with the classes "exmaple" and "color".</p>
    <button onclick="myFunction()">Try it</button>
    <p><strong>Note:</strong> The getElementsByClassName() method is not
supported in Internet Explorer 8 and earlier version.</p>
    <script>
        function myFunction() {
            var x = document.getElementsByClassName("example color");
            x[0].style.backgroundColor = "red";
        }
    </script>
</body>
</html>
```

HTMLCollection   length   ,   class="example"
            .

```
<!DOCTYPE html>
<html>
<body>
    <div class="example">
        A div element with class="example"
    </div>
    <div class="example">
        Another div element with class="example"
    </div>
    <p class="example">A p element with class="example"</p>
    <p>Click the button to find out how many elements with class "exmple"
there are in this document.</p>
    <button onclick="myFunction()">Try it!</button>
    <p><strong>Note:</strong>The getElementsByClassName() method is not
supported in Internet Explorer 8 and earlier versions.</p>
    <p id="demo"></p>
    <script>
        function myFunction() {
            var x = document.getElementsByClassName("example");
            document.getElementById("demo").innerHTML = x.length;
        }
    </script>
</body>
</html>
```

class="example" .

```html
<!DOCTYPE html>
<html>
<head>
    <style>
        .example {
            border: 1px solid #000;
            margin: 5px;
        }
    </style>
</head>
<body>
    <div class="example">
        A div with class="example"
    </div>
    <div class="example">
        Another div with class="example"
    </div>
    <p class="example">This is a p element with class="example".</p>
    <p>This is a <span class="example">span</span> element with
class="example" inside another p element.</p>
    <p>Click the button to change the background color of all elements with
class="example"</p>
    <button class="example" onclick="myFunction()">Try it!</button>
    <p><strong>Note:</strong>The getElementsByClassName() method is not
supported in Internet Explorer 8 and eralier versions.</p>
    <script>
        function myFunction() {
            var x = document.getElementsByClassName("example");
            var i;
            for (i = 0; i < x.length; i++) {
                x[i].style.backgroundColor = "red";
            }
        }
    </script>
</body>
</html>
```

, HTML, DOM, getElementsByClassName(), Method

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