

Javascript HTML DOM Elements (Nodes)

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[Javascript HTML DOM Elements \(Nodes\)](#)

Nodes(HTML) 가

Creating New HTML Elements (Nodes)

HTML DOM 가 , (, element node) ,

Example

```
<body>

<div id="div1">
  <p id="p1">This is a paragraph with #p1</p>
  <p id="p2">This is a another paragraph with #p2</p>
  <!-- This is the best. -->
</div>

<script>
  var para = document.createElement("P");
  var node = document.createTextNode("This is the best.");
  para.appendChild(node);
  var element = document.getElementById("div1");
  element.appendChild(para);
</script>

</body>
```

Example Explained

```
<p>

var para = document.createElement("p");

<p>          ,
.

var node = document.createTextNode("This is a new paragraph.");
.

, <p>          :
.

para.appendChild(node);

.

.

var element = document.getElementById("div1");
.

element.appendChild(para);
```

Creating new HTML Elements - insertBefore()

```
appendChild()
,
insertBefore()
```

Example

```
<body>

<div id="div1">
  <!-- This is new.가 -->
  <p id="p1">This is a paragraph with #p1</p>
  <p id="p2">This is another paragraph with #p2</p>
</div>
```

```
<script>
    var para = document.createElement("p");
    var node = document.createTextNode("This is new.");
    para.appendChild(node);

    var element = document.getElementById("div1");
    var child = document.getElementById("p1");
    element.insertBefore(para, child);
</script>

</body>
```

Removing Existing HTML Elements

HTML remove()

Example

```
<body>

<div>
  <p id="p1">This is a paragrahp with #p1</p>
  <!-- #p1 -->
  <p id="p2">This is another paragrahp with #p2</p>
</div>

<button onclick="myFunction()">Remove Element</button>

<script>
  function myFunction() {
    var elmnt = document.getElementById("p1");
    elmnt.remove();
  }
</script>

</body>
```

Example Explained

HTML (<p>) 가 <div> 가

```
<div>
  <p id="p1">This is a paragraph with #p1</p>
  <p id="p2">This is another paragraph with #p2</p>
```

```
</div>
```

```
var elmnt = document.getElementById("p1");
```

```
, remove()
```

```
elmnt.remove();
```

```
remove() removeChild()
```

Removing a Child Node

```
remove()
```

Example

```
<body>

<div id="div1">
  <p id="p1">This is a paragraph with #p1</p>
  <!-- #p1 -->
  <p id="p2">This is another paragraph with #p2</p>
</div>

<script>
  var parent = document.getElementById("div1");
  var child = document.getElementById("p1");
  parent.removeChild(child);
</script>

</body>
```

Example Explained

HTML (<p>) 가 <div> 가

```
<div id="div1">
```

```
<p id="p1">This is a paragraph with #p1</p>
<p id="p2">This is another paragraph with #p2</p>
</div>
```

`id="div1" 가`

```
var parent = document.getElementById("div1");
```

`id="p1" 가 <p>`

```
var child = document.getElementById("p1");
```

```
parent.removeChild(child);
```

`: parentNode`

```
var child = document.getElementById("p1");
child.parentNode.removeChild(child);
```

Replacing HTML Elements

HTML DOM

`replaceChild()`

Example

```
<body>

<div id="div1">
  <p id="p1">This is a paragraph with #p1</p>
  <!-- This is new.      -->
  <p id="p2">This is another paragraph with #p2</p>
</div>

<script>
  var parent = document.getElementById("div1");
  var child = document.getElementById("p1");
  var para = document.createElement("p");
  var node = document.createTextNode("This is new.");
```

```
para.appendChild(node); /* <p>This is new.</p> */  
parent.replaceChild(para, child); /* parent  
child */  
</script>  
  
</body>
```

,, Javascript, HTML, DOM, Elements, (Nodes)

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