

# HTML DOM appendChild() Method

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

[HTML DOM appendChild\(\) Method](#)

## Example

(list) (item) .

```
<body>

<ul id="myList">
  <li>Coffee</li>
  <li>Tea</li>
</ul>

<p>Click the button to append an item to the end of the list.</p>

<button onclick="myFunction()">Try it</button>

<P><strong>Note:</strong><br>First create an LI node,<br>
then create a Textnode, <br> then append the Text node to the LI node.
<br>
Finally append the LI node to the list.</P>

<script>
  function myFunction() {
    var node = document.createElement("LI"); /* First create an LI node,
  */
    var textnode = document.createTextNode("Water"); /* then create a
  Textnode, */
    node.appendChild(textnode); /* then append the Text node to the LI
  node. */
    document.getElementById("myList").appendChild(node); /* Finally
  append the LI node to the list. */
  }
</script>
```

```
}  
</script>  
  
</body>
```

Before appending:

- Coffee
- Tea

After appending:

- Coffee
- Tea
- Water

## Definition and Usage

`appendChild()` is a method used to add a new child element to an existing element. It returns the added element.

**Tip:** The `appendChild()` method can be used to add a new child element to an existing element. For example, you can use it to add a new paragraph to a document. The method returns the added element. For example, `document.appendChild(newParagraph)` will add a new paragraph to the document and return the new paragraph element.

**Tip:** `insertBefore()` is a method used to add a new child element to an existing element before a specified element.

## Syntax

```
node.appendChild(node)
```

## Parameter Values

Parameter	Type	Description
node	Node Object	The new child element to be added to the existing element.

## Technical Details

Return Value:

## More Examples

(list item)

:

Before appending:

- Coffee
- Tea
- Water
- Milk

After appending:

- Coffee
- Tea
- Milk
- Water

```
<body>

  <ul id="myList1">
    <li>Coffee</li>
    <li>Tea</li>
  </ul>
  <ul id="myList2">
    <li>Water</li>
    <li>Milk</li>
  </ul>

  <p>Click the button to move an item from one list to another.</p>

  <button onclick="myFunction()">Try it</button>

  <script>
    function myFunction() {
      var node = document.getElementById("myList2").lastChild;
      /* myList2           Milk           node           */
      document.getElementById("myList1").appendChild(node);
      /* id=myList1       , myList2       Milk           가           .
    */
    }
  </script>

</body>
```

## Example

<p>                    <div>                    가                    .

```
<style>
  #myDIV {
    border: 1px solid #000;
    margin-bottom: 10px;
  }
</style>

<body>

  <p>Click the button to create a P element with some text, and append it to
  DIV.</p>

  <div id="myDIV">
    A DIV element
  </div>

  <button onclick="myFunction()">Try it</button>

  <p><strong>Example explained:</strong><br>First create a P node,<br>
  then create a Text node,<br> then append the Text node to the P node.
  <br>
  Finally, get the DIV element with id="myDIV", and append the P node to
  DIV.</p>

  <script>
    function myFunction() {
      var para = document.createElement("P"); /* First create a P node */
      var t = document.createTextNode("This is a paragraph."); /* then create
  a Text node */
      para.appendChild(t); /* then append the Text node to the p node */
      document.getElementById("myDIV").appendChild(para);
      /* Finally, get the DIV element with id="myDIV", and append the P node
  to DIV */
    }
  </script>

</body>
```

## Example

가                    <p>                    ,                    (body)                    가                    .

, [HTML](#), [DOM](#), [appendChild\(\)](#), [Method](#)

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