HTML DOM appendChild() Method

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

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Example

(list)   (item)   .

```html
<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>

</body>
```

Before appending:

  * Coffee
  * Tea

After appending:

  * Coffee
  * Tea
  * Water

Definition and Usage

appendChild()   .

Tip: (paragraph)   ,
   ,   .

                                                              ("   "   ).

Tip: insertBefore()   .

Syntax

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

Parameter Values

Parameter	Type	Description
node	Node Object	. .

Technical Details

Return Value:

More Examples

(list item)   :

Before appending:

- Coffee
- Tea

- Water
- Milk

After appending:

- Coffee
- Tea
- Milk

- Water

```html
<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           .
*/
    }
  </script>

</body>
```

Example

<p>   <div>   .

```html
<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 appendthe 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

                <p>   ,   (body)   .

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

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