

Javascript HTML DOM insertBefore() Method

- description : Javascript HTML DOM insertBefore() Method
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Example

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```
<body>

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

<p>Click the button to insert an item to the list.</p>

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

<p><strong>Example explained</strong><br>First create a LI mode,
<br>then create a Text node, <br>then append the Text node to the LI node.
<br>Finally insert the LI node before the first child node in the
list.</p>

<script>
  function myFunction() {
    var newItem = document.createElement("LI"); /* Create a <li> node */
    var textnode = document.createTextNode("Water"); /* Create a text node
  */
    newItem.appendChild(textnode); /* Append the text to <li> */

    var list = document.getElementById("myList"); /* Get the <ul> element
to insert a new node */
    list.insertBefore(newItem, list.childNodes[0]); /* Insert <li> before
the first child of <ul> */
  }
</script>
```

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

Definition and Usage

`insertBefore()` is a DOM method that inserts a new node as the child of a specified parent node, before the existing child node.

Tip: The `insertBefore()` method can be used to insert a new element before an existing element, or to insert a new element before a text node. For example, to insert a new `<li>` element before an existing `<li>` element, you can use the `insertBefore()` method.

`insertBefore()` is a DOM method that inserts a new node as the child of a specified parent node, before the existing child node. (“More Examples”)

Syntax

```
node.insertBefore(newnode, existingnode)
```

Parameter Values

Parameter	Type	Description
newnode	Node object	The new node to be inserted.
existingnode	Node object	The existing node to be inserted before. If the value is null, insertBefore() inserts the new node as the first child of the parent node.

Technical Details

Return Value : The new node that is inserted.

More Examples

Example

The following example inserts a new `<li>` element before the existing `<li>` element:

```
<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; /* Milk */
    var list = document.getElementById("myList1");
    list.insertBefore(node, list.childNodes[0]); /* Milk   myList1      0
    */
  }
</script>

</body>
```

., Javascript, HTML, DOM, insertBefore(), Method

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