



# Traversing Elements (contd.)

- Methods in DOM that are used to get the information about a node parents, child, and siblings' elements are listed as follows:

Method	Description
<b>childNodes</b>	To get a live NodeList of child elements of a specified element
<b>nextElementSibling</b>	To get the next sibling of an element
<b>previousElementSibling</b>	To get the previous sibling of an element
<b>firstChild</b>	To get the first child element of a specified element
<b>firstElementChild</b>	To get the first child with the Element node only
<b>lastChild</b>	To get the last child element of a specified element
<b>lastElementChild</b>	To get the last child with the Element node only
<b>children</b>	To get the child element with only the element node type
<b>parentNode</b>	To get the parent node of a specified node in the DOM tree

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# Traversing Elements - Example

## Code:

```
<body>
  <div>
    <p id = "p1">Paragraph - 1</p>
    <p id = "p2">Paragraph - 2</p>
  </div>
  <script>
    const para1 =
document.getElementById('p1');
    console.log(para1.parentNode);
  </script>
```

## Output:

Paragraph - 1

Paragraph - 2

ParentNode captures the parent element

# Manipulating Elements

- There are various methods in DOM that are used to manipulate the HTML element, like creation, deletion, updating, and many more.

Method	Description
<b>createElement()</b>	Create a new node
<b>appendChild()</b>	Append a node to a list of child nodes of a specified parent node.
<b>textContent</b>	Get and set the text content of a node.
<b>innerHTML</b>	Get and set the HTML content of an element.
<b>append()</b>	Insert a node after the last child node of a parent node.
<b>prepend()</b>	Insert a node before the last child node of a parent node.
<b>removeChild()</b>	Remove child elements of a node.

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# Manipulating Elements - Example

## Code:

```
<body>
  <div>
    <p id = "p1">Paragraph - 1</p>
    <p id = "p2">Paragraph - 2</p>
  </div>
  <script>
    const element =
document.createElement('h3');
    element.textContent = "Edureka";
    document.body.append(element);
  </script>
</body>
```

## Output:

Paragraph - 1

Paragraph - 2

Before adding the h2 tag in the body element

Paragraph - 1

Paragraph - 2

**Edureka**

After adding the h2 tag in the body element

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