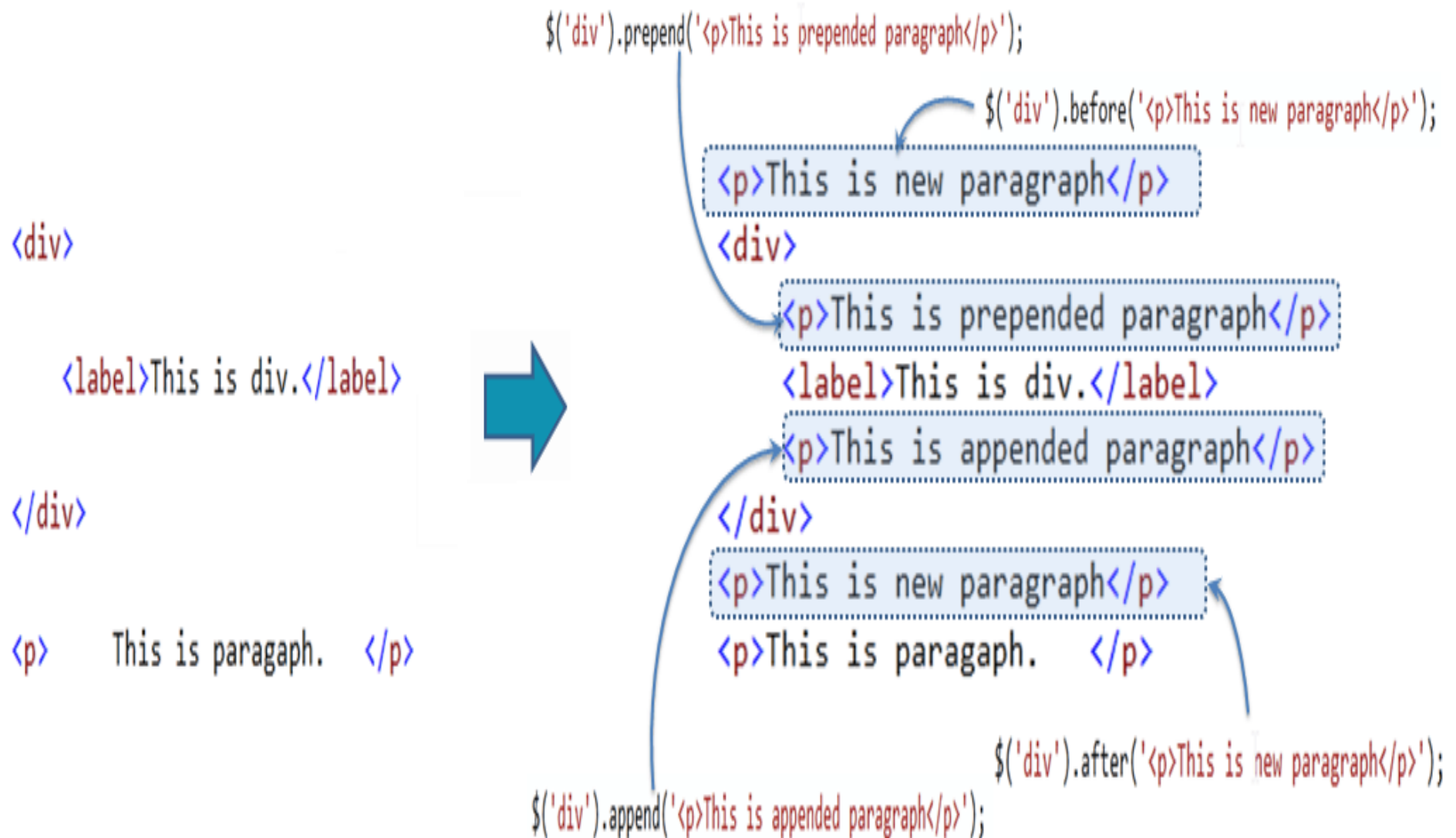# DOM Manipulation Methods in jQuery

- jQuery provides various methods to add, edit or delete DOM element(s) in the HTML page.

methods to add/remove new DOM elements.

Method	Description
append()	Inserts content to the end of element(s) which is specified by a selector.
before()	Inserts content (new or existing DOM elements) before an element(s) which is specified by a selector.
after()	Inserts content (new or existing DOM elements) after an element(s) which is specified by a selector.
prepend()	Insert content at the beginning of an element(s) specified by a selector.
remove()	Removes element(s) from DOM which is specified by selector.
replaceAll()	Replace target element(s) with specified element.
wrap()	Wrap an HTML structure around each element which is specified by selector.

How the DOM manipulation methods add new elements.

$('div').prepend('<p>This is prepended paragraph</p>');

$('div').before('<p>This is new paragraph</p>');

```
<p>This is new paragraph</p>
<div>
    <p>This is prepended paragraph</p>
    <label>This is div.</label>
    <p>This is appended paragraph</p>
</div>
<p>This is new paragraph</p>
<p>This is paragaph.    </p>
```

```
<div>

    <label>This is div.</label>

</div>

<p>    This is paragaph.    </p>
```

$('div').after('<p>This is new paragraph</p>');

$('div').append('<p>This is appended paragraph</p>');

jQuery after() Method

The jQuery after() method inserts content (new or existing DOM elements) after target element(s) which is specified by a selector.

Syntax:

$('selector expression').after('content');

Example: jQuery after() Method

```
$('#div1').after('<div style="background-color:yellow"> New div </div>');

<div id="div1">div 1
</div>

<div id="div2">div 2
</div>
```

jQuery before() Method

The jQuery before() method inserts content (new or existing DOM elements) before target element(s) which is specified by a selector.

Syntax:

$('selector expression').before('content');

Example: jQuery before() Method

$('#div1').before('<div style="background-color:yellow"> New div </div>');

<div id="div1">div 1
</div>

<div id="div2">div 2
</div>

jQuery append() Method

The jQuery append() method inserts content to the end of target element(s) which is specified by a selector.

Syntax:

$('selector expression').append('content');

Example: jQuery append() Method

$('p').append('World!');

<p>Hello </p>

jQuery prepend() Method

The jQuery prepend() method inserts content at the beginning of an element(s) specified by a selector.

Syntax:

$('selector expression').prepend('content');

Example: jQuery prepend() Method
$('div').prepend('<p>This is prepended paragraph</p>');

<div>
    <label>This is div.</label>
</div>

jQuery remove() Method
The jQuery remove() method removes element(s) as specified by a selector.

Syntax:

$('selector expression').remove();

Example: jQuery remove() Method

$('label').remove();

<div>This is div.
    <label>This is label.</label>
</div>

jQuery replaceAll() Method

The jQuery replaceAll() method replaces all target elements with specified element(s).

Syntax:

$('content string').replaceAll('selector expression');

Example: jQuery replaceAll() Method

$('This is span').replaceAll('p');

```
<div>
    <p>This is paragraph.</p>
</div>

<p>This is another paragraph.</p>
```

jQuery wrap() Method

The jQuery wrap() method wrap each target element with specified content element.

Syntax:

$('selector expression').wrap('content string');

Example: jQuery wrap() Method
$('span').wrap('<p></p>');


```
<div>
    <span>This is span.</span>
</div>
<span>This is span.</span>
```