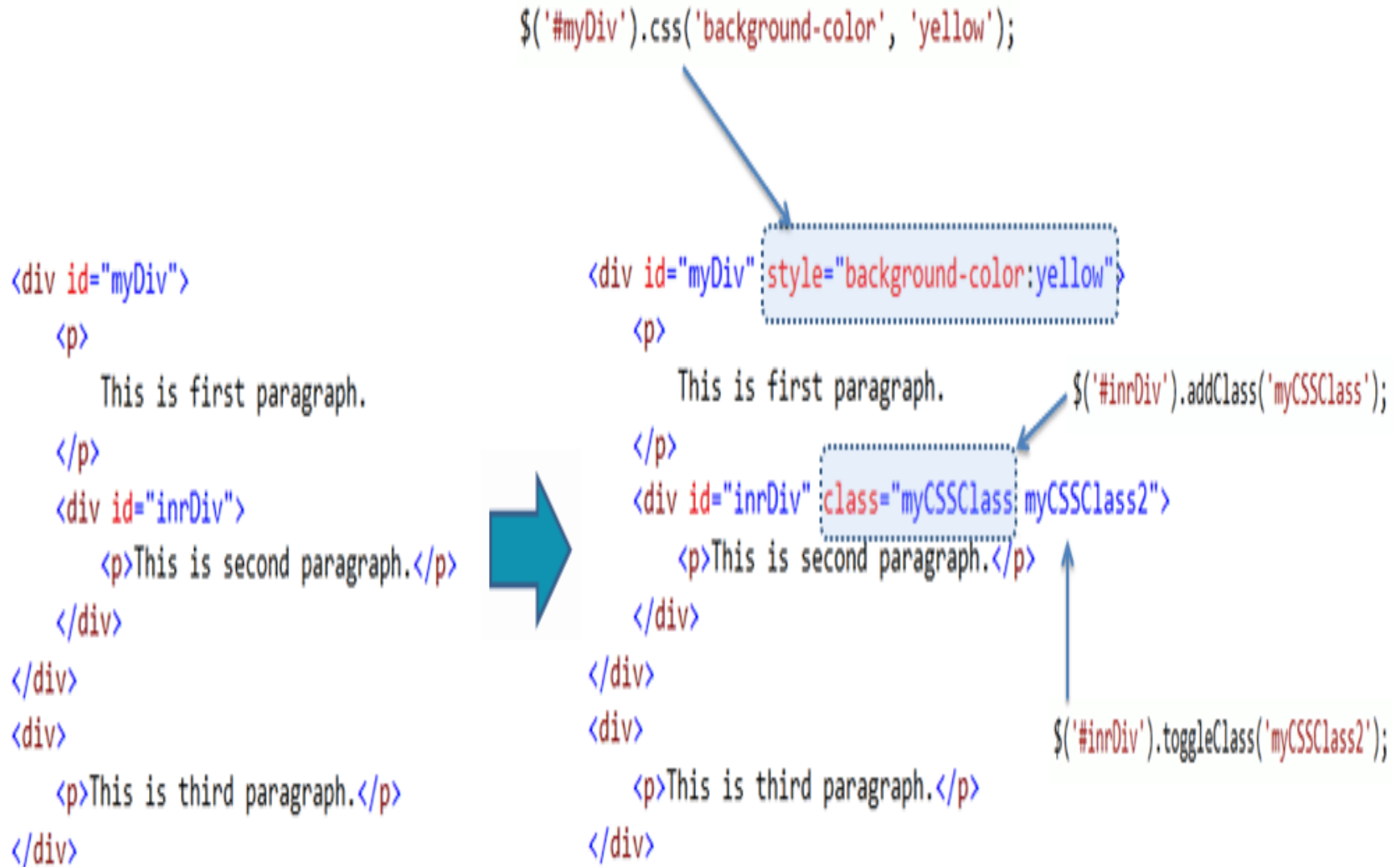# CSS Manipulation using jQuery

The jQuery library includes various methods to manipulate style properties and CSS class of DOM element(s).

jQuery Methods	Description
css()	Get or set style properties to the specified element(s).
addClass()	Add one or more class to the specified element(s).
hasClass()	Determine whether any of the specified elements are assigned the given CSS class.
removeClass()	Remove a single class, multiple classes, or all classes from the specified element(s).
toggleClass()	Toggles between adding/removing classes to the specified elements

jQuery methods changes style and css class of the DOM elements.

```
$('#myDiv').css('background-color', 'yellow');
```

```
<div id="myDiv">
    <p>
        This is first paragraph.
    </p>
    <div id="inrDiv">
        <p>This is second paragraph.</p>
    </div>
</div>
<div>
    <p>This is third paragraph.</p>
</div>
```

```
<div id="myDiv" style="background-color:yellow">
    <p>
        This is first paragraph.
    </p>
    <div id="inrDiv" class="myCSSClass myCSSClass2">
        <p>This is second paragraph.</p>
    </div>
</div>
<div>
    <p>This is third paragraph.</p>
</div>
```

```
$('#inrDiv').addClass('myCSSClass');
```

```
$('#inrDiv').toggleClass('myCSSClass2');
```

jQuery css() Method

The jQuery css() method gets or sets style properties to the specified element(s).

Syntax:

$('selector expression').css('style property name','value');

$('selector expression').css({

        'style property name':'value',

    });

Example: jQuery css() Method

$('#myDiv').css('background-color','yellow');
$('p').css({'background-color': 'red','width':'400px'});
$('#myDiv').css('background-color'); // returns rgb(255,255,0) for yellow color

```
<div id="myDiv">
   <p>This is first paragraph.</p>
</div>
<div>
   <p>This is second paragraph.</p>
</div>
<div >
   <p>This is third paragraph.</p>  </div>
```

jQuery addClass() method

The jQuery addClass() method adds single or multiple css class to the specified element(s).

```
$('selector expression').addClass('css class name')
```

```
$('#myDiv').addClass('yellowDiv');
$('p').addClass('impPrg');

<div id="myDiv">
   <p>
      This is first paragraph.
   </p>
</div>
<div>
   <p>This is second paragraph.</p>
</div>
<div >
   <p>This is third paragraph.</p>
</div>
```

jQuery toggleClass() Method

The jQuery toggleClass() method toggles between adding/removing classes to the specified elements.

$('selector expression').toggleClass('css class name');

```
$('#myDiv').toggleClass('redDiv');

<div id="myDiv" class="yellowDiv">
</div>
```