jQuery provides various methods for different tasks e.g. manipulate DOM, events, ajax etc. The following table lists different categories of methods.

| Category | Description | Imp Methods |
| --- | --- | --- |
| DOM Manipulation | These methods manipulate DOM elements in some manner e.g. changing attribute, style attribute, adding and removing elements etc. | after(), append(), attr(), before(), [more..](https://api.jquery.com/category/manipulation/) |
| Traversing | These methods help in navigating from DOM element to another element in a parent child hierarchy e.g. finding ancestors, descendants or sibling element of a specified element. | children(), closest(), each(), first(), next(), filter(), parent(), siblings(), [more..](https://api.jquery.com/category/traversing/) |
| CSS | These methods get and set css related properties of elements. | addClass(), css(), hasClass(), removeClass(), toggleClass() [more..](https://api.jquery.com/category/css/) |
| Attributes | These methods get and set DOM attributes of elements. | attr(), html(), removeAttr(), prop(), val(), [more..](https://api.jquery.com/category/attributes/) |
| Events | These methods are used to handle DOM or JavaScript events. | bind(), blur(), change(), click(), dblclick(), focus(), keyup(), keydown(), [more..](https://api.jquery.com/category/events/) |
| Effects | These methods are used to add animation to elements. | animate(), fadeIn(), fadeOut(), hide(), show(), stop(), [more..](https://api.jquery.com/category/effects/) |
| Dimensions | These methods are used to get and set the CSS dimensions for the various properties. | height(), width(), innerHeight(), innerWidth(), [more..](https://api.jquery.com/category/dimensions/) |
| Forms | These methods and event handlers handle forms and their various elements. | blur(), change(), val(), submit(), [more..](https://api.jquery.com/category/forms/) |
| Ajax | These methods allow Ajax functionalities with jQuery e.g. | get(), getJson(), post(), load(), [more..](https://api.jquery.com/category/ajax/) |
| Core | These methods are core methods in jQuery API. | jQuery(), holdReady(), when(), [more..](https://api.jquery.com/category/core/) |
| Data | These methods allow us to associate arbitrary data with specific DOM elements. | data(), removeData(), queue(), dequeue(), clearQueue(), [more..](https://api.jquery.com/category/data/) |
| Miscellaneous | These methods are useful in various tasks e.g. traversing elements, converting to array etc. | each(), index(), get(), toArray(), [more..](https://api.jquery.com/category/miscellaneous/) |
| Utilities | Utility methods are helpful in getting information on various things e.g. browser, function, array, window etc. | inArray(), isArray(), isFunction(), isNumeric(), isWindow(), isXmlDoc(), [more..](https://api.jquery.com/category/utilities/) |

The following example shows how to use some of the jQuery methods to manipulate DOM elements.

Example: jQuery Methods

<!DOCTYPE html>

<html>

<head>

<meta name="viewport" content="width=device-width" />

<title>Index</title>

<script type="text/javascript" src="~/Scripts/jquery-3.3.1.js"></script>

<script type="">

$(document).ready(function () {

$('p').wrap('<div class="myCls">'); @\* wrap all p with div \*@

$('#myDiv').hide(); @\* hides div whose id is myDiv \*@

$('span').attr( @\*sets style and width attribute on all span \*@

{

'style': 'border:solid',

'width': '100%'

});

$('p').append('This is p.'); @\* append text to <p> \*@

$('span').before('<p>This is another p</p>'); @\* insert <p> before span \*@

});

</script>

</head>

<body>

<div id="myDiv"></div>

<p></p>

<span></span>

</body>

</html>