



JQuery

1. <https://jquery.com/download/>
2. There is no difference b/w `querySelector` and `querySelectorAll` in JQuery
`document.querySelector("h1");` → `$("#h1");`
`document.querySelectorAll("button");` → `$("#button");`
3. **CSS**
`$("#h1").css("color", "red");` → To set the color of h1 element
`console.log($("#h1").css("color"));` → Returns the color of h1 element
4. **Classes**
`$("#h1").addClass("big-title");` → Way to separate CSS and JS
`$("#h1").removeClass("big-title");`
`$("#h1").removeClass("big-title margin-50");` → Adding multiple classes (Add space b/w classes)
`$("#h1").hasClass("margin-50");` → returns true or false
5. **Text**
`$("#h1").text("Bye");`
`$("#button").text("Dont click me");` → All the buttons text

will be changed

`$("#button").html("Dont click me");` → Adding HTML

6. Attributes

`$("#img").attr("src");` → Get the value of src attribute

`$("#img").attr("src", "drum.jpeg");` → Set the value of src attribute

7. Event Listeners

```
$("#h1").click(function () {
    $("#h1").css("color", "red");
});

// Adds event listener to all the buttons - No need to use for loop
$("#button").click(function () {
    $("#h1").css("color", "red");
});

// Rememeber keypress not keyPress
$("#input").keypress(function (event) {
    console.log(event.key);
});

$("#input").keypress(function (event) {
    $("#h1").text(event.key);
});

$("#h1").on("mouseover", function () {
    $("#h1").css("color", "red");
});
```

8. Adding & Removing Elements

```
// Adds a button before h1 element
$("#h1").before("<button>New</button>"); // → <button>New</button> <h1>Hello</h1>

// Adds a button after h1 element
```

```
$("#h1").after("<button>New</button>"); // → <h1>Hello</h1> <button>New</button>
```

```
// Adds a button inside and before h1 element
```

```
$("#h1").prepend("<button>New</button>"); // → <h1><button>New</button>Hello</h1>
```

```
// Adds a button inside and after h1 element
```

```
$("#h1").append("<button>New</button>"); // → <h1>Hello<button>New</button></h1>
```

```
// Removes all the button elements
```

```
$("#button").remove();
```

9. Animations

```
$("#button").on("click", function () {  
    $("#h1").hide();  
});
```

```
$("#button").on("click", function () {  
    $("#h1").show();  
});
```

```
$("#button").on("click", function () {  
    $("#h1").toggle();  
});
```

```
// To add a animation - To not to make it instant hide and show
```

```
$("#button").on("click", function () {  
    $("#h1").fadeOut();  
});
```

```
$("#button").on("click", function () {  
    $("#h1").fadeIn();  
});
```

```
$("#button").on("click", function () {
```

```
    $("h1").fadeToggle();  
});  
  
// slideUp, slideDown, slideToggle  
  
// Rememeber to add only numeric values in css of animate  
$("button").on("click", function () {  
    $("h1").animate({opacity: 0.5});  
});
```

.0. <https://www.w3schools.com/jquery/> &
<https://api.jquery.com/category/effects/>