



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("<em>Dont click me</em>"); → 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</butto
n>Hello</h1>

// Adds a button inside and after h1 element
$("h1").append("<button>New</button>"); // → <h1>Hello<button>New</b
utton></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/>