

## # Jqueries

It is library in the JS, such that it can be ease our life to reduce lengthyness inside the DOM queries & improve our productivity

so In DOM model

```
document.querySelectorAll("h1");
```

so using jquery we can use only

```
$("h1");
```

or even smaller \$("h1") & it is allot short

& easy to write

so to use the jquery you have to use script tag & use CDN for downloading resources from it.

Ex:

JQuery command to change your background color to red

```
$("h1").css("color", "red");
```

⇒ you have to put your jquery CDN above to the your external link for JS file

⇒ Always put your Jqueries at the end & just above body end tag

minify is website to make code compact + save  
some loading time

`$ => document.querySelector`  
short form & make less line of code  
than usual JS + DOM

tags for selecting one + many don't have  
many different if all is one

Ex:- `document.querySelector("H1");` is similar to  
`$ ("H1");` → for one element  
`document.querySelectorAll("button")` is similar to  
`$ ("button")`

② So syntax & use  
you can manipulate CSS properties with  
jQuery like

`$ ("h1").css ("color", "red")`

attribute      value

& you can get current value of attribute by

`$ ("h1").css ("color");`

It is in rgb color

Adding CSS classes in an element with  
jQuery

`$ ("H1").addClass ("className");`

& use .removeClass to remove it

If you want to insert multiple class say

classOne classTwo

so you just have to do

`$(“h1”).addClass(“classOne classTwo”)`

Just separated by  
space

④ Query to see if there any class exist or  
name something

`$(“H1”).hasClass(“classOne”)`

Output will be boolean

To query to change inner text of tags like h1, p,  
etc.

`$(“p”).text(“text which you  
want to replace with”)`

This text will appear after that

It is like innerText content in JS DOM model

⇒ innerHTML in Java

`$(“p”).html(“html tags to add”)`

It is just like innerHTML

methods are just functions

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All jquery are written under object & that object has predefined methods within them

# Manipulate the attributes with help of jquery

so in DOM you have to do many stuff like

a.getattribute("attribute")  
a=document.querySelector("something")

get attribute & set attribute are used in DOM.

(("img").getAttribute("src"))

in Jquery It become more easy  
(("img").attr("src"))

to get value of attribute

\$("img").attr("src");

so it will give  
attr tag name of src

attribute

xyz.png something

#Event listeners using jquery.

```
$("h1").click(function () {
```

});

}

) function is called  
on click on that  
element

If you have multiple elements & if you want add event listener in Dom you have apply the loop for all element so

④ there is more way to make it full event listner

```
$("h1").on("name of event",function)
```

⇒ on key is used

⑤ All events are listed over many

⑥ Add & remove elements to html with jquery

```
→ $("h1").before("<em> hello Dear </em>")
```

↑ new tag is added before h1.

```
$("h1").after("<em> new tag after </em>")
```

new tag after h1

prepend() → just before selected attribute  
~~append()~~ in same line

append(); after selected attribute on same  
line

before after adds outside the ~~tag~~  
Selected tag

prepend & append adds inside specified  
tag

### ⑥ To delete a attribute with jquery

⇒ \$(“button”).remove()

To remove specified tag.

• hide is used to hide something

• show() to reappear

• toggle() ⇒ hide & show for a elem

See      \$(“hi”)