**html selector and text manipulation**

First download the jquery or paste the cdn . for cdn scroll down a little bit then u will se google cdn click on it then will see **3.x snippet:** copy the link then paste on before the js file

1.HTml select mane tag gula ke select kora like this  
  
 in html file -> <h1>This is heading <h1/>  
 <h2>This is heading<h2/>

and in js file -> $("h1").text("hello")

output->

## Today I start

# hello

mane h1 tag er ta bodlaya gese

<div class="mydiv">

<h2>Today I start</h2>

</div>

<h1>Outside</h1>

Index file e evabe ase ami matro h1 outside er text ta bodlaisi but ami Jodi h2 mane class er vitore tag er text bodlaite sai kivabe?

In js-> $("**.mydiv h2**").text("hello")

Class mention er jonno first e dot( . )use korte hobe and class er name

Then Jodi html file kono tag e id thake just like this->

<p id="p1">Matha pura gorom</p>

And in js ->

$("#p1").text("hello")

Id select er jonno # use korte hobe

Akhon Jodi id and class er tag duita aksathe select korte   
 in js->$("#p1,h1").text("hello")

Now text manipulation

Simple vabe js e text function er madhomei tag er man change kortesi Jodi text() er modhe ami text take bold korte sai tahole evabe dile hobe na kintu -> text(<b>hello</b>) tahole output asbe -> <b>hello</b>

Tahole onno akta function use korte hobe ->$("#p1,h1").html.(<b>hello</b>)

Akhon output bold asbe

Append -> eta hoitase tmi p tag er mane bodlaba tai na to tmr p tag e ase -> This is peragraph . to append function korbe ki tmi jei text tmi p tag er jaygay dite sao setar pore bosabe

$("#p1 ").append.(<b>hello</b>)

Output -> This is paragraph hello

Dhik same to same prepend -> jaha tag er age text bosabe

Output-> hello This is paragraph

Before and after

Mone koro html file e tmr ei tag ase

<p>This is One</P>

To ei tag er pore tmi akta sentens dekhaba ja tmr output e show korbe kivabe?

Js file akta variable er modhe text rekhe then after function e use kore dite hobe like this->

var myptag= $("<p></p>").text("This is two")

$("#p1").after(myptag)

Output ->

This is one

This is two

And before function use korle

$("#p1").before(myptag)

Output ->

This is two

This is one

# Attribute manipulation

Mone koro tmr index.html file <a> tag er modhe href er madhomme konokisu link kore dea ase mone koro -> href=[www.google.com](http://www.google.com) . To jquary er madhome kivabe js file code likhe akti tag er attribute er value janajabe seta dea holo

* In js -> $("a").attr("href")
* For loading in console -> console.log($("a").attr("href"));

Akhon Jodi kono attribute er value remove kora lage tokhon evabe   
->$("a").removeAttr("href");

Akhon Jodi amon dorkar hoy je a tag er attribute er value onno kisu set korte hobe tokhon evabe ->  
->$("a").attr("href", "www.shikbeshobai.com");

Ete a tag er upor click korle jeta tar href e link kora ase seta kaj korbe na , kaj korbe jeta set kore dea hoise

# CSS Style manipulating

Mone koro tmr index.html file h1 tag e kisu lekha ase-><h1>This is heading</h1> .

To akhon tmr css file e kisu style dea ase ->

.style1{

    font-size: 3rem;

    color: brown;

}

.style2{

    font-style: italic;

}

To akhon ei style gulo tmr h1 tag e class e call kora chara use korte hobe jQuery use kore kivabe?

* $("h1").addClass("style1 style2");

addClass use kore . 1 er besi class use korle majkhane obossoi space dite hobe.

# Event Listener

🔔 **User কিছু করলে (click, type, hover)** – তখন সেই event ধরার জন্য listener লাগে, আর আমরা বলি **“Hey! এই সময় এটা করো!**

**Now mone koro tmr index.html file button banaila ->**

    <h1>This is heading</h1>

    <button>Click me</button>

In js-> $("button").click(function(){

$("h1").text("You have Clicked the button")

})

Output = Button e click korle (You have Clicked the button ) asbe

Akhon ami chai j Button e click korle h1 tag e jeta ase seta **colored** hobe abr button e click korle ager moto **normal** hobe   
  
     <h1>This is heading</h1>

    <button>Click me</button>

**Then in css-**>

.style1{

font-size: 3rem;

color: brown;

}

**In js**-> $("button").click(function(){

$("h1").**toggleClass**("style1")

})

Output ->click korle style hobe abr click korle ager moto hobe .

Now multiple element er sathe lisener add korbo

Example in index.html ->

    <h1>This is heading</h1>

    <button class="mybutton">Button 1</button>

    <button class="mybutton">Button 2</button>

    <button class="mybutton">Button 3</button>

In js ->

$(".mybutton").click(function(){

    var value =this.innerHTML;

    $("h1").text(value + "is clicked")

})

External -> akhon akta method er madhome **bivinno listener add** kora jay kaj aki

$(".mybutton").**on(“click**”,function(){

    var value =this.innerHTML;

    $("h1").text(value + "is clicked")

})

And

$(".mybutton").**on(“mouseover**”,function(){

    var value =this.innerHTML;

    $("h1").text(value + "is clicked")

})