JQuery Examples- by RAGHU SIR

Ex#1 Testing JQuery Setup

```
<!DOCTYPE html>
<html>
<head>
<title>Welcome to JQuery-By Raghu Sir</title>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
</head>
<body>


<p>Hello all how are you?</p>
<p>Hello all <b>how are</b> you?</p>


<script type="text/javascript">
$(document).ready(function() {
   alert("welcome to JQuery");
});

</script>
</body>
</html>
```

Ex#2 SELECTORS EXAMPLE

```
<!DOCTYPE html>
<html>
<head>
<title>Welcome to JQuery-By Raghu Sir</title>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
</head>
<body>
<h3>JQuery Examples By RAGHU SIR</h3>
<p id="one">Hello Id</p>
<p class="two">Hello class</p>
<p title="test">Hello Tag</p>

<script type="text/javascript">
$(document).ready(function() {
alert($("#one").text()); /*id based*/
alert($(".two").text()); /*class based*/
alert($("[title]").text()); /*Attribute based*/
});

</script>
</body>
</html>
```

#3 html() v/s text() data read and write

```html
<!DOCTYPE html>
<html>
<head>
<title>Welcome to JQuery-By Raghu Sir</title>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
</head>
<body>
<h3>JQuery Examples By RAGHU SIR</h3>
<p id="one">Hello Ajay <b>How</b> are you?</p>
<p id="two">Hello Ajay <b>How</b> are you?</p>
<p id="three"></p>
<p id="four"></p>
<script type="text/javascript">
$(document).ready(function() {
alert($("#one").text()); /*id based*/
alert($("#two").html()); /*id based*/
$("#three").text("small one<b>OK</b>");
$("#four").html("small one<b>OK</b>");
});

</script>
</body>
</html>
```

#4 EVENTS-HTML Based

```html
<!DOCTYPE html>
<html>
<head>
<title>Welcome to JQuery-By Raghu Sir</title>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
</head>
<body>
<h3>JQuery Examples By RAGHU SIR</h3>

<p id="one">Hello Text</p>

<script type="text/javascript">
$(document).ready(function() {
$("#one").click(function(){
alert("click");
});
$("#one").dblclick(function(){
alert("Text double click");
});
$("#one").mouseenter(function(){
alert("mouse on top");
});
$("#one").mouseleave(function(){
alert("mouse on side");
});

});

</script>
</body>
</html>
```

#5 Events- Inputs based

```
<!DOCTYPE html>
<html>
<head>
<title>Welcome to JQuery-By Raghu Sir</title>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
</head>
<body>
<h3>JQuery Examples By RAGHU SIR</h3>

<input type="text" name="one" id="one"/>

<script type="text/javascript">
$(document).ready(function() {
$("#one").keydown(function(){
$(this).css("background-color","pink");
});
$("#one").keyup(function(){
$(this).css("background-color","grey");
});
$("#one").focus(function(){
$(this).css("background-color","yellow");
});
$("#one").blur(function(){
$(this).css("background-color","red");
});

});

</script>
</body>
</html>
```

#6 Effects show/hide and toggle

```html
<!DOCTYPE html>
<html>
<head>
<title>Welcome to JQuery-By Raghu Sir</title>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
</head>
<body>
<h3>JQuery Examples By RAGHU SIR</h3>

<input type="submit" value="HIDE DATA" id="one"/>
<input type="submit" value="SHOW DATA" id="two"/>
<input type="submit" value="SHOW/HIDE DATA" id="three"/>
<p id="mydata">Hello From SathyaTech</p>
<script type="text/javascript">
$(document).ready(function() {
$("#one").click(function(){
$("#mydata").hide();
});

$("#two").click(function(){
$("#mydata").show();
});

$("#three").click(function(){
$("#mydata").toggle();
});
});

</script>
</body>
</html>
```

Basic Points and Notes

JQuery Example #1
1. Method : text()
-> This method is used to read data
or write data to any HTML Tag
(Will not work for FORMs).
Ex: <div>,<p>,,<h3>....

a. works based on ID:
read: $("#idName").text();
write: $("#idName").text("hello");

b. works based on class
read: $(".className").text();
write: $(".className").text("welcome");

c. based on attributes
read: $("[attributeName]").text();
write: $("[attributeName]").text("Hi");

#1. <div id="abc">Welcome to All</div>
JQuery: Read
$("#abc").text();

#2. <h3 class="one">Hello All</h3>
JQuery: Read
$(".one").text();

**#3 **
JQuery: write
$("[error]").text("hello");

```
$("[error='empId']").text("hello");
```

====================================

2. html()

 This is used to read/write HTML
 Rendered data.

Examples
a. <p id="one"></p>
   <p id="two"></p>
JQuery:
 ```
 $("#one").text("Hello <b>hi</b> OK");
 $("#two").html("Hello <b>hi</b> OK");
 ```
----

3. Events:- Events are pre-defined
   actions(method) called by JQuery
   when related action is done using
   input components.

--Mouse events--------------
```
<p id="one">Hello</p>
<p id="two">Hi</p>
<p id="three">OK</p>
<p id="four">Bye</p>

  $("#one").click(function(){
    alert("Clicked!!");
  });
  $("#two").dblclick(function(){
    alert("Double clicked!!");
  });
  $("#three").mouseenter(function(){
    alert("Mouse Came!!");
  });
```

```
  $("#four").mouseleave(function(){
    alert("Mouse Came!!");
  });
```

Ex#2 Modify Colors,backgrounds ..etc
  (css() function)

```
<p id="one">Hello</p>
```

```
$("#one").click(function(){
    $(this).css("color","yellow");
})
$("#one").mouseenter(function(){
 $(this).css("background-color","pink");
});
$("#one").mouseleave(function(){
  $(this).css("color","white");
  $(this).css("background-color","black");
});
```

----

4. show/hide effects.
  hide() : Hide Text/Panel/Component/tag
  show() : Show Text/Panel/Component/tag
 toggle() : one time show() next time hide()
          in order.

```
<p id="a">Show Data</p>
<p id="b">Hide Data</p>
<p id="c">Show/Hide Data</p>
```

```
<p id="one">Hello Student How are you?
  welcome to Sathyatech JQuery
  classes... Bye..</p>
```
JQuery Code:

```
$("#a").click(function(){
         $("#one").show();
});
$("#b").click(function(){
     $("#one").hide();
});
$("#c").click(function(){
     $("#one").toggle();
});
```
----

5. Form Inputs data read/write: val();

Enter Data : `<input type="text" id="ename" />`

`<p id="read">Read Data</p>`
`<p id="clean">Clear Data</p>`

```
$("#read").click(function(){
   alert($("#ename").val()); /*Read*/
});
$("#clean").click(function(){
    $("#ename").val("NO DATA"); /*write*/
});
```
----

6. focus() and blur() functions
  [form inputs]

  focus(): place cursor inside input
  blur() : loose cursor/focus from input

`<input type="text" id="ename" />`
```
$("#ename").focus(function(){
   $(this).css("background-color","pink");
```

```
});
$("#ename").blur(function(){
  $(this).css("background-color","yellow");
});
```
----

7. keyboard events
   keydown(): When we press on key
   keyup() : when we leave a key pressed

```
<input type="text" id="ename" />
$("#ename").keydown(function(){
  $(this).css("background-color","pink");
});


$("#ename").keyup(function(){
  $(this).css("background-color","yellow");
});
```
----

8. creating variables
   var <variableName>=<data>;
ex:
```
   var  sid   = 56;
   var  ename  = 'AJAY';
   var  esal  = $("#esal").val();
   var  mode  = $("#format").text();
   var  exist  = false;
```

```
$(document).ready(function(){
 //code here...
});


<script src="https://ajax.googleapis.com
  /ajax/libs/jquery/3.4.1/jquery.min.js">
```

</script>

FB:
https://www.facebook.com/groups/thejavatemple
email:
javabyraghu@gmail.com