

Introduction to jQuery

Exercise 7

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1. Console "Hello Word" in document.ready function

```
> <!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>Answer 1</title>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></s
cript>
    <script>
      $(document).ready(function(){
        console.log("Hello World..!")
      })
    </script>
  </head>
  <body>
    <p>Question 1: Console "Hello Word" in document.ready function.</p>
    <br>
    <p>Press <u>ctrl+shift+I</u> then navigate to console window.</p>
  </body>
</html>
```

2. Select a ID name "#test" and add class "load" when DOM is loaded

```
> <!DOCTYPE html>
<html>
  <head>
    <title>Answer2</title>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></s
cript>
    <script>
      $(document).ready(function(){
        $("#test").addClass("load");
      });
    </script>
  </head>
  <body>
    <p>Question 2: Select a ID name "#test" and add class "load" when DOM
is loaded</p>
    <p id="test"><i>Object to add class.</i></p>
  </body>
</html>
```

3. Change the color of element which class name end with "-new"

```
> <!DOCTYPE html>
<html>
  <head>
    <title>Answer 3</title>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></s
```

```
cript>
  <script>
    $(document).ready(function(){
      $(".new").css("color", "mediumaquamarine");
    });
  </script>
</head>
<body>
  <p>Question 3: Change the color of element which class name end with
  "-new"</p>
  <p id="test" class="new">Object to add class</p>
  <div class="myIDnew" myattr="java">Java</div>
  <div class="myid1" myattr="html">HTML</div>
  <div class="myd2new" myattr="python">Python</div>
  <div class="myid3" myattr="csssubject">CSS</div>
</body>
</html>
```

4. Disable submit button using jquery attr method

```
> <!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>Answer 4</title>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></s
cript>
    <script>
      $(document).ready(function(){
        $("#btn2").click(function(){
          $("#btn1").attr("disabled", true)
        })
      })
    </script>
  </head>
  <body>
    <p>Question 4: Disable submit button using jquery attr method</p>
    <div>
      <button id="btn1" type="button"> Button </button>
      <br>
      <button id="btn2" type="button"> Click Here to Disable</button>
    </div>
  </body>
</html>
```

5. Change the font size of ".target" which has parent element with id name "#main"

```
> <!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>Answer 5</title>
```

```

<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></s
cript>
<script>
    $(document).ready(function(){
        $("#btn2").click(function(){
            $("#main > .target").css("font-size", "30px")
        })
    })
</script>
</head>
<body>
    <p>Question 5: Change the font size of ".target" which has parent
element with id name "#main"</p>
    <div id="main">
        <p class="notarget">Example 1</p>
        <p class="target">Example 2</p>
    </div>
    <div id="non-main">
        <p class="target">Example 4</p>
    </div>
    <button id="btn2" type="button"> Click to change</button>
</body>
</html>

```

6. After page load change the HTML of div element with "p" element

```

> <!DOCTYPE html>
<html>
    <head>
        <meta charset="utf-8">
        <title>Answer 6</title>
        <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></s
cript>
        <script>
            $(document).ready(function(){
                var str = $( "p" ).text();
                $( "div" ).html( str );
            });
        </script>
    </head>
    <body>
        <p>Question 6: After page load change the HTML of div element with "p"
element</p>
        <div>
            Just an example.
        </div>
    </body>
</html>

```

7. Bind a click function to an "click" element and append next "click" next to it.

```
> <!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>Answer 7</title>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></s
cript>
    <script>
      $(document).ready(function(){
        var a=$("#button").click(function(){
          var r= $('<input type="button" value="next click"/>');
          $("#body").append(r);
        });
      });
    </script>
  </head>
  <body>
    <p>Question 7: Bind a click function to an "click" element and append
next "click" next to it.</p>
    <button>Click Here</button>
  </body>
</html>
```

8. Click event not working on element which added dynamically or via script, make it work using .on method

```
> <!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>Answer 8</title>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></s
cript>
    <script type="text/javascript">
      $(document).ready(function(){
        $(document).on("click", ".clickButton",
          function(){
            var el=$("#<button
class='clickButton'>click</button> ");
            ($(this).parent()).append(el);
          })
      });
    </script>
  </head>
  <body>
    <p>Question 8: Click event not working on element which added
dynamicly or via script, make it work using .on method</p>
    <button class="clickButton">click Here</button>
```

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

9. Get dropdown selected value on onchange event and append in div container

```
> <!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>Answer 9</title>
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></s
cript>
  <script type="text/javascript">
    $(document).ready(function(){
      $("select").on("change",function(){
        $("div").append(this.value);
      });
    });
  </script>
</head>
<body>
  <p>Question 9: Get dropdown selected value on onchange event and
append in div container</p>
  <label>Select City</label>
  <select name="City">
    <option value="Android">Android</option>
    <option value="iOS">iOS</option>
    <option value="Java">Java</option>
    <option value="Feen">Feen</option>
    <option value="Bigdata">Bigdata</option>
  </select>
  <div>Selected fileds are: </div>
</body>
</html>
```

10. Create a dropdown menu using hover method in jquery

```
> <!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>Answer 10</title>
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></s
cript>
  <script>
    $(document).ready(function(){
      $(".hover").hover(
        function(){
          $("#cities").stop(true,true).slideDown("slow");
        },
        function(){

```

```

        $("#cities").stop(true,true).slideUp("slow");
    }
    );
});
</script>
<style type="text/css">
    button{
        color: red;
        border: 2px solid black;
        background: white;
        width: 100px;
    }
    #cities{
        display: none;
        border: 1px solid lightgray;
        width: 100px;
    }
</style>
</head>
<body>
    <div class="hover">
        <button>Cities </button>
        <div id="cities">
            <label>Delhi</label><br>
            <label>Noida</label><br>
            <label>Ghaziabad</label><br>
            <label>Gurugram</label><br>
        </div>
    </div>
</body>
</html>

```

11. On clicking on "[google](#)" tag. It is taking us to google homepage. Stop it from happening.

```

> <!DOCTYPE html>
<html>
    <head>
        <meta charset="utf-8">
        <title>Answer 11</title>
        <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></s
cript>
        <script>
            $(document).ready(function(){
                $("#home").click(function(event){
                    event.preventDefault();
                });
            });
        </script>
    </head>
    <body>
        <a id="home" href="https://www.google.co.in/">Google</a>

```

```
<p>Question 11: On clicking on "google" tag. It is taking us to google
home page. Stop it from happening.</p>
</body>
</html>
```

12. We have bind a click function to parent div but we want to stop it from performing when user clicks on its child li

```
> <!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>Answer 12</title>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></s
cript>
    <script>
      $(document).ready(function(){
        $("div").on("click",function(){alert("You clicked on a parent
element")}).children().on("click",function(){return false;});
      });
    </script>
  </head>
  <body>
    <p>Question 12: We have bind a click function to parent div but we
want to stop it from performing when user clicks on its child li</p>
    <div>Parent div<br>
      <ul>
        <li>Child 1</li>
        <li>Child 2</li>
        <li>Child 3</li>
        <li>Child 4</li>
      </ul>
    </div>
  </body>
</html>
```

13. Get the max height of elements using jquery each method

```
> <!DOCTYPE html>  
<html>  
  <head>  
    <meta charset="utf-8">  
    <title>Answer 13</title>  
    <script  
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></s  
cript>  
    <script>  
      $(document).ready(function(){  
        $("button").click(function(){  
          $("div").each(function(){  
            alert("Height of div: " + $("div").css("max-height"));  
          });  
        });  
      }  
</script>  
</body>  
</html>
```



```

        });
    });
</script>
</head>
<body>
    <p>Question 13: Get the max height of elements using jquery each
method</p>
    <div style="max-width: 250px; max-height:200px;; overflow: auto;">
        <span>Item 1</span><br>
        <span>Item 2</span><br>
        <span>Item 3</span><br>
        <span>Item 4</span><br>
        <span>Item 5</span><br>
    </div>
    <button>Click Here</button>
</body>
</html>

```

14. Change color of every cell which has number larger than 10.

```

> <!DOCTYPE html>
<html>
    <head>
        <meta charset="utf-8">
        <title>Answer 14</title>
        <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></s
cript>
        <script>
            $(document).ready(function(){
                var arr=$("td");
                for (var i = 0; i < arr.length; i++) {
                    if (parseInt((arr[i]).textContent)>10)
                        $(arr[i]).css("background-color", "mediumaquamarine");
                }
            });
        </script>
    </head>
    <body>
        <p>Question 14: Change color of every cell which has number larger
than 10.</p>
        <table>
            <tr>
                <td>16</td>
                <td>76</td>
                <td>9</td>
            </tr>
            <tr>
                <td>10</td>
                <td>61</td>
                <td>22</td>
            </tr>

```

```

        <tr>
            <td>3</td>
            <td>1</td>
            <td>2</td>
        </tr>
        <tr>
            <td>125</td>
            <td>9</td>
            <td>28</td>
        </tr>
        <tr>
            <td>75</td>
            <td>6</td>
            <td>8</td>
        </tr>
    </table>
</body>
</html>

```

15. Retrive the data from server using ajax get call

```

> <!DOCTYPE html>
<html>
    <head>
        <meta charset="utf-8">
        <title>Answer 15</title>
        <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></s
cript>
        <script type="text/javascript">
            $(document).ready(function(){
                $.get("https://jsonplaceholder.typicode.com/todos/1",
function(data){
                    $("#result").html(JSON.stringify(data));
                    alert("Data Loaded")
                });
            });
        </script>
    </head>
    <body>
        <p>Question 15: Retrive the data from server using ajax get call</p>
        <div id="result">
            <p>Overwriting with new data.</p>
        </div>
    </body>
</html>

```

16. Add cross button on row and bind click function which make a delete request to server, after success event remove the row from dom

```

> <!DOCTYPE html>
<html>
    <head>

```

```

    <meta charset="utf-8">
    <title>Answer 16</title>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></s
cript>
    <script type="text/javascript">
        $(document).ready(function(){
            $.get("https://jsonplaceholder.typicode.com/posts?userId=1",
function(data){
                var el; var row=[];
                for (var i = 0; i < data.length; i++) {
                    row=data[i];

el+="<tr><td>"+row["userId"]+"</td><td>"+row["id"]+"</td><td>"+row["title"
]+"</td><td>"+row["body"]+"</td><td>"+
                    "<button class='delete' id="+i+">X</button></td></tr>";
                }
                $("table").append(el);
                alert("Data Loaded successfully");
            });
            $(document).on("click",".delete",function(){
                $("#"+$(this).attr('id')).parent().parent().remove();
            });
        });
    </script>
</head>
<body >
    <p>Question 16:Add cross button on row and bind click function which
make a delete request to server, after success event remove the row from
dom</p>
    <table border= "1px solid black">
        <tr>
            <th>User ID</th>
            <th>ID</th>
            <th>Title</th>
            <th>Action</th>
        </tr>
    </table>
</body>
</html>

```

17. Create a image array and in div create a slideshow to animate images of delay of 500ms.

```

> <!DOCTYPE html>
<html>
    <head>
        <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></s
cript>
        <script>
            $(document).ready(function(){
                var curPos=0;

```

```

        var count=$("#img").length;
        $("#slide").css("width","960px").css("height","540px");
        setInterval(Slideshow,500);
        function Slideshow(){
            $("#img").css("display","none");
            if(curPos==count-1){
                curPos=0;
            }
            else{
                curPos++;
            }
            $("#"+(curPos)).toggle();
        }
    });
</script>
</head>
<body>
    <div id="slide">
        
        
        
    </div>
</body>
</html>

```