

## Exercise for Introduction to jQuery

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

Ans:

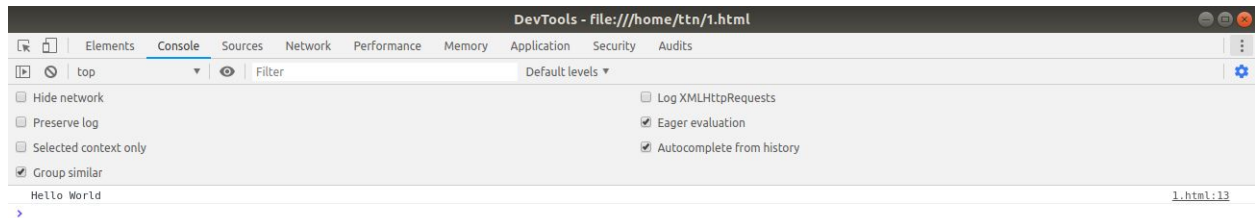
```
<!DOCTYPE HTML>
<html>
<head>
  <meta charset="UTF-8">

  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js">
</script>
</head>
<body>

  <script>
    $(document).ready(function(){

      console.log("Hello World");
    })

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



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

Ans:

```
<! DOCTYPE html>

<html>

<head>

  <meta charset="utf-8">

  <title>Solution 2</title>

  <style>

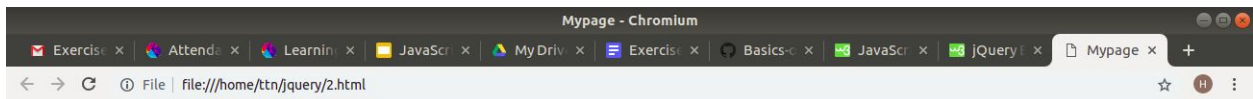
    .load{

      color:orangered;

    }

  </style>
```

```
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.
1.1/jquery.min.js"></script>
</head>
<body>
  <h2>Solution 2/h2>
  <div id="test">
    <h1>
      Div with id test
    </h1>
  </div>
  <script>
    $("#test").addClass("load")
  </script>
</body>
</html>
```



This is test id.

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

Ans:

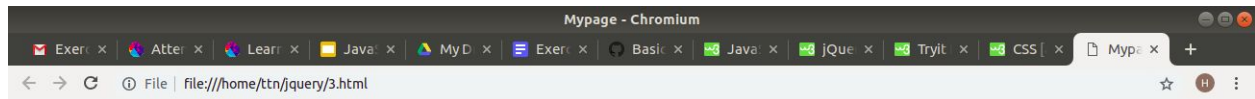
```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>Mypage</title>
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js">
  </script>

</head>
<body>
<div>
  <h2 class="onenew">Heading</h2>
  <p class="para"> This is paragraph with class para.</p>
    <p class="twonew">This is a paragraph with class twonew.</p>

</div>
<script>
  $(document).ready(function(){

    $(".[class$=new]").css("color","blue");

  })
</script>
</body>
</html>
```



#### 4. Disable submit button using jquery attr method

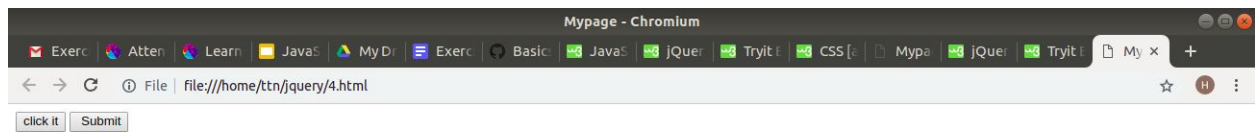
Ans:

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>Mypage</title>
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js">
  </script>

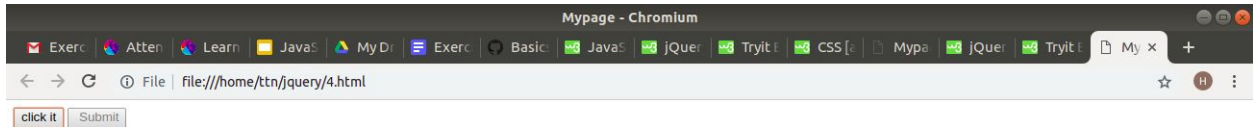
</head>
<body>
<div>
  <button> click it</button>
  <input type="submit" id="button1" value=" Submit">
```

```
</div>
<script>
    $(document).ready(function(){

        $("button").click(function(){
            $("#button1").attr("disabled",true);
        })
    })
</script>
</body>
</html>
```



After clicking on “click it”



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

Ans:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <meta charset="utf-8">
```

```
  <title>Mypage</title>
```

```
  <script
```

```
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js">
```

```
  </script>
```

```
</head>
```

```
<body>
```

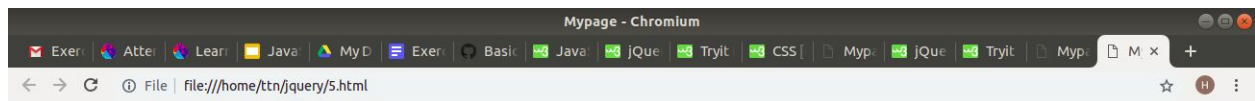
```
<div id="main">
```

```
  <h1 class="target">Heading 1</h1>
```

```

    <h2> Heading 2 </h2>
    <p class="target"> para 1</p>
</div>
<script>
    $(document).ready(function(){
        $("#main >.target").css("font-size","50px");
    })
</script>
</body>
</html>

```



# Heading 1

Heading 2

para 1

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

Ans:

```

<!DOCTYPE html>
<html>
<head>

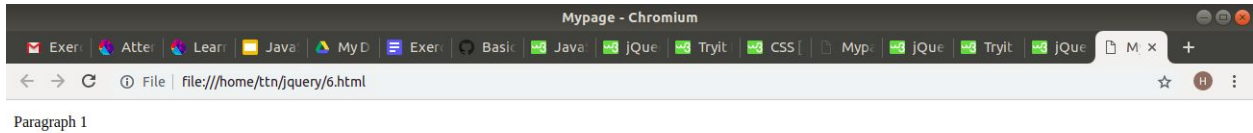
```



```
<meta charset="utf-8">
<title>Mypage</title>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js">
</script>

</head>
<body>
<div id="divid">

    <h1 class="target">Heading 1</h1>
    <h2> Heading 2 </h2>
    <p class="target"> para 1</p>
</div>
<script>
    $(document).ready(function(){
        $("#divid").replaceWith("<p>Paragraph 1</p>");
    })
</script>
</body>
</html>
```



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

Ans:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <meta charset="utf-8">
```

```
  <title>Mypage</title>
```

```
  <script
```

```
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js">
```

```
  </script>
```

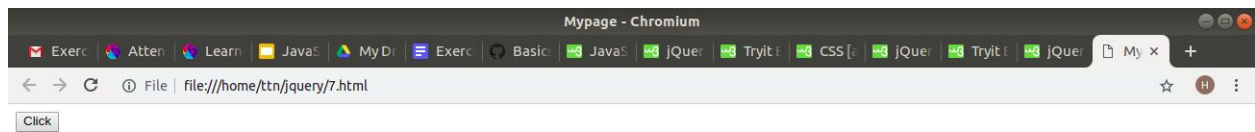
```
</head>
```

```
<body>
```

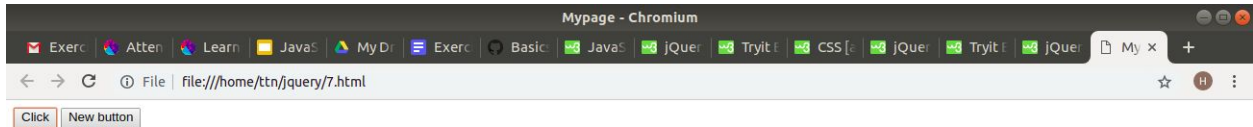
```
<div id="divid">
```

```
  <button id="button1">Click</button>
```

```
</div>
<script>
    $(document).ready(function(){
        $("#button1").click(function(){
            $("#divid").append("<button id='button2'>New
button</button>");
        })
    })
</script>
</body>
</html>
```



On clicking "click" button



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

Ans:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <meta charset="utf-8">
```

```
  <title>Mypage</title>
```

```
  <script
```

```
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js">
```

```
  </script>
```

```
</head>
```

```
<body>
```

```
<div id="divid">
```

```
  <button id="button1">Click</button>
```

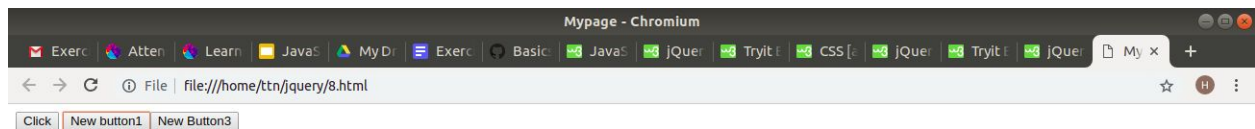
```

</div>
<script>
    $(document).ready(function(){
        $("#button1").click(function(){
            $("#divid").append("<button id='button2'>New
button1</button>");

        })

        $(document).on("click", "#button2", function(){
            $("#divid").append("<button id='button3'>New
Button3</button>")
        })
    })
</script>
</body>
</html>

```



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

Ans:

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>Mypage</title>
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js">
  </script>

</head>
<body>
<div id="divid">
  Select a value from menu:
  <select id="id1">
    <option>Select</option>
    <option>Python</option>
    <option>Java</option>
    <option>Hadoop</option>
    <option>Machine Learning</option>
  </select>

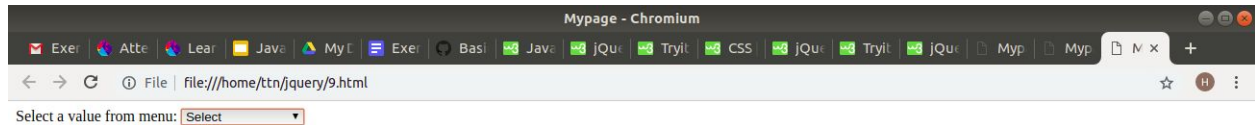
</div>
<div id="main">
</div>
<script>
  $(document).ready(function(){
    $("#id1").change(function(){
      $("#main").append("<h2>"+$("#id1").val()+"<h2>");
    });
  });
</script>
```

}}

</script>

</body>

</html>



11. On clicking on "google" tag. It is taking us to google homepage. Stop it from happening.

Ans:

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>Mypage</title>

```
<script  
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js">  
</script>
```

```
</head>
```

```
<body>
```

```
<div id="divid">
```

```
    <a id="google" href="https://www.google.com/">Google</a>
```

```
</div>
```

```
<div id="main">
```

```
</div>
```

```
<script>
```

```
    $(document).ready(function(){  
        $("#google").attr("href","");
```

```
    })
```

```
</script>
```

```
</body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <meta charset="utf-8">
```

```
    <title>Mypage</title>
```

```
    <script
```

```
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js">
```

```
</script>
```

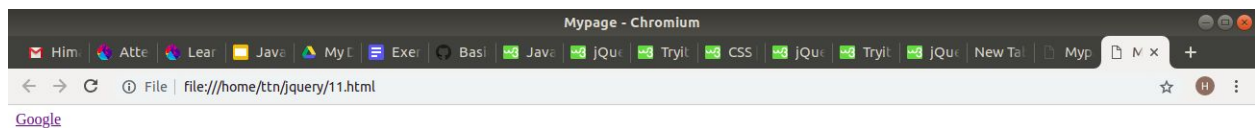
```
</head>
```



```
<body>
<div id="divid">
    <a id="google" href="https://www.google.com/">Google</a>

    </div>
<div id="main">
</div>
<script>
    $(document).ready(function(){
        $("#google").attr("href","");
    })

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



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

Ans:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <meta charset="utf-8">
```

```
  <title>Mypage</title>
```

```
  <script
```

```
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js">
```

```
  </script>
```

```
</head>
```

```
<body>
```

```
<div id="main" style="width:400px; height:400px; background-color: green">
```

```
  <div id="child" style="width:200px; height:200px; margin-left: 50px;
background-color:yellow">
```

```
    </div>
```

```
  </div>
```

```
  <div id="hello">
```

</div>

<div id="main">

</div>

<script>

\$(document).ready(function(){

\$("#main").click(function(){

\$("#hello").append("<h3> Hello World!</h3>")

})

\$("#child").click(function(){

\$("#main").off("click");

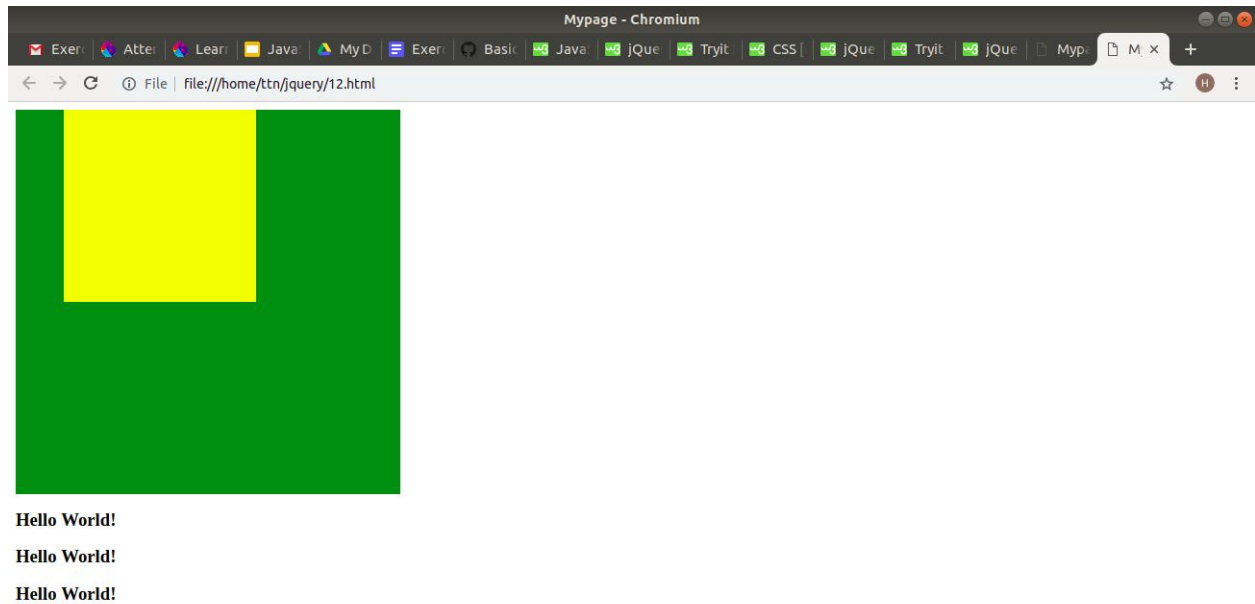
})

})

</script>

</body>

</html>



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

Ans:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <meta charset="utf-8">
```

```
  <title>Mypage</title>
```

```
  <script
```

```
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js">
```

```
  </script>
```

```
</head>
```

```
<body>
```

```
<div class="main">
```

```
    <div id="a" style="background-color: teal;  
width:20px;height:30px"></div><br>
```

```
    <div id="b" style="background-color: blue;  
width:20px;height:20px"></div><br>
```

```
    <div id="c" style="background-color: yellow;  
width:20px;height:30px"></div><br>
```

```
    <div id="d" style="background-color: greenyellow;  
width:20px;height:40px"></div><br>
```

```
    <div id="e" style="background-color: red;  
height:40px;width:20px;"></div><br>
```

```
    <div id="f" style="background-color: violet;width:20px;  
height:30px"></div><br>
```

```
    <div id="g" style="background-color: orange;  
width:20px;height:70px"></div><br>
```

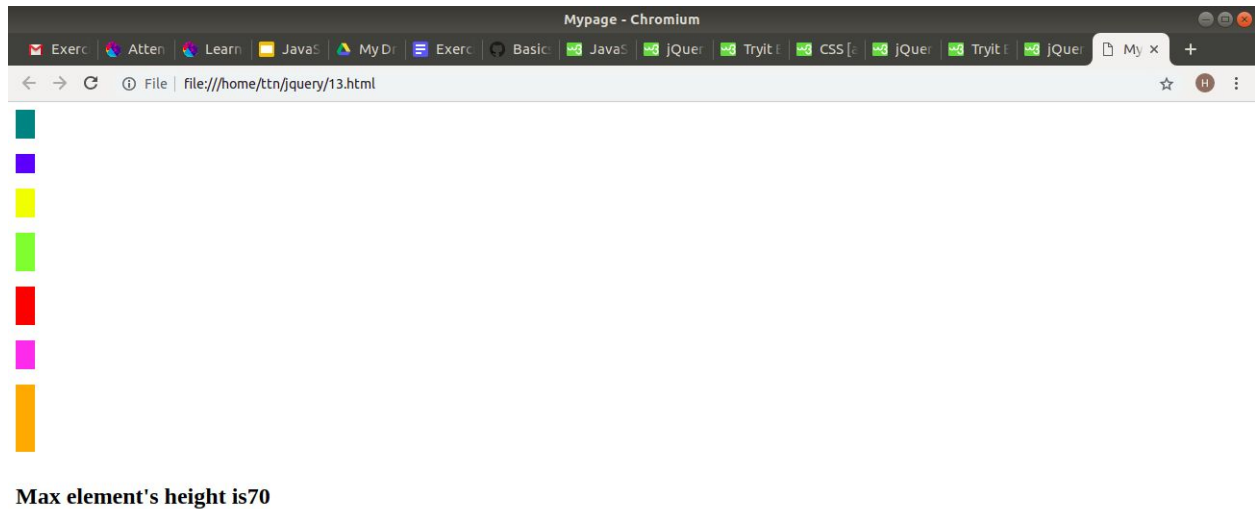
```
</div>
```

```
<div id="container">
```

```
</div>
```

```
<script>
```

```
$(document).ready(function(){  
  
    var max = -1;  
  
    $(".main > div").each(function() {  
  
        var h = $(this).height();  
  
        max = h > max ? h : max;  
  
    });  
  
    $("#container").append("<h2> Max element's height is" + max + "</h2>")  
  
    })  
  
</script>  
  
</body>  
  
</html>
```



15. Retrive the data from server using ajax get call

Ans:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <meta charset="utf-8">
```

```
  <title>Mypage</title>
```

```
  <script
```

```
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js">
```

```
</script>
```

```
</head>
```

```
<body>
```

```
<div id="id1">
```

```
    <button id="getdata">Get Data!</button><br>
```

```
    <div id="container">
```

```
    </div>
```

```
</div>
```

```
<script>
```

```
    $(document).ready(function(){
```

```
        $("#getdata").click(function(){
```

```
            $.ajax({url: "https://jsonplaceholder.typicode.com/posts", success:  
function(result){
```

```
                $("#container").html("<br> Data:- "+JSON.stringify(result));
```

```
            });
```

```
        })
```

```
    })
```

```
</script>
```



</body>

</html>

