Ketentuan;

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Contoh; **TI 2A_Elok Nur Hamdana**

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Tulislah Jawaban Pada Kolom Yang tersedia di bawah ini;

LEMBAR JAWABAN JOBSHEET-2

Soal No	Jawaban
| 1 | Code:<br><br>```html
<!DOCTYPE html>
<html lang="en">
<head>
    <script type="text/javascript" src="../../node_modules/jquery/dist/jquery.min.js"></script>
    <script>
        $(document).ready(function() {
            $("#button1").click(function() {
                alert("This practicum week 4");
            });
        });
    </script>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <input type="button" id="button1" value="Click me!" />
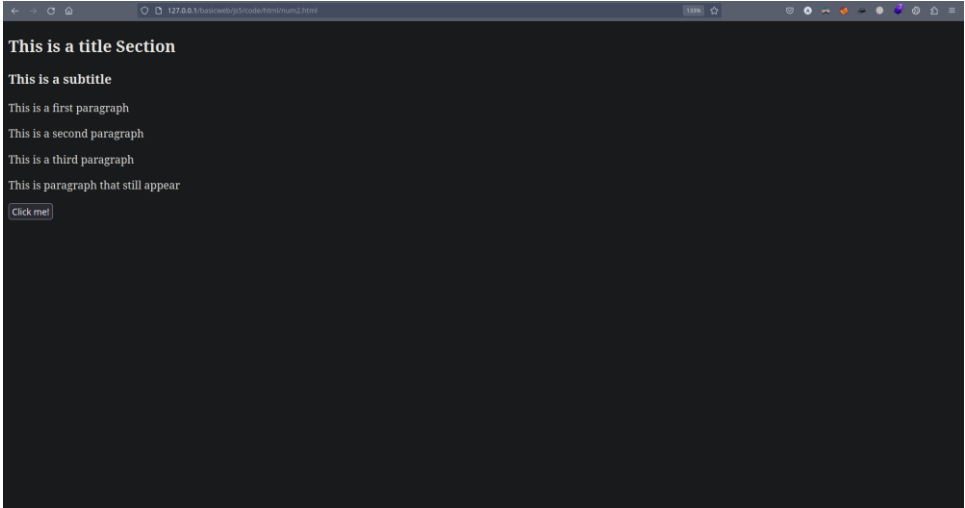</body>
</html>
```<br><br>Result: |

The ready() method helps to load the whole page and then execute the rest code.
This method specifies the function to execute when the DOM is fully loaded.
When we delete ready() function, alert will not be display because without ready()
function, we can't load the alert.

| 2 | Code: |


```html
<!DOCTYPE html>
<html lang="en">
<head>
    <script type="text/javascript" src="../../node_modules/jquery/dist/jquery.min.js"></script>
    <script>
        $(document).ready(function() {
            $("#button").click(function() {
                $("h2").hide();
                $(".subtitle").hide();
                $("#paragraph").hide();
                $("#paragraph.two").hide();
                $("div.paragraph").hide();
            });
        });
    </script>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <h2>This is a title Section</h2>
    <h3 class="subtitle">This is a subtitle</h3>
    <p id="paragraph">This is a first paragraph</p>
    <p id="paragraph" class="two">This is a second paragraph</p>
    <div>
        <p id="paragraph">This is a third paragraph</p>
    </div>
    <p>This is paragraph that still appear</p>
    <button>Click me!</button>
</body>
</html>
```
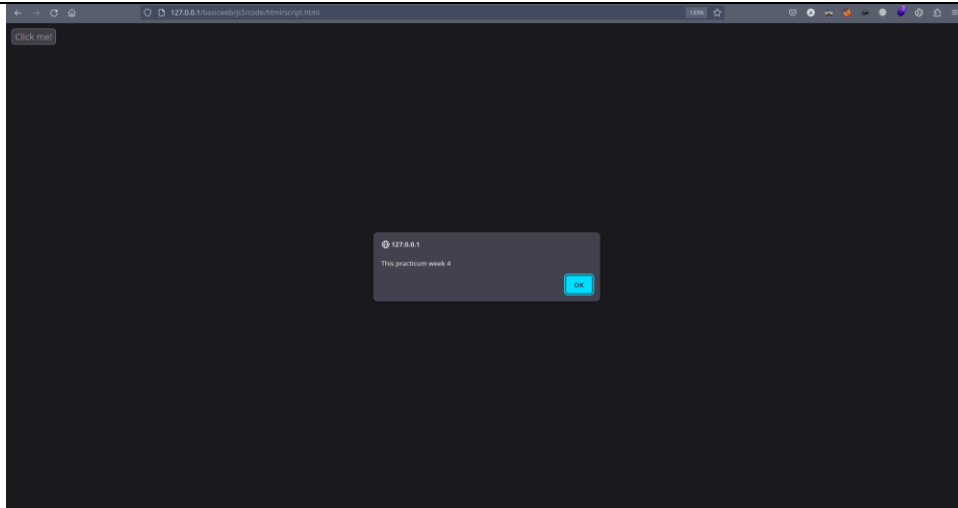
Result:

From code above, when we click button doesn't anything happen. It because we don't call button id in button tag. To hide the elemnt we should call id button in button tag first. The function of hide() function is to hide element html that we want to hide it.

| 3 | ```javascript
$("h2").hide();
$(".subtitle").hide();
$("#paragraph").hide();
$("#paragraph.two").hide();
$("div.paragraph").hide();
``` |
|---|---|
| 4 | Code: |

```
num1.html        num2.html        num4.html ×
code > html > num4.html > html > head > script > ready() callback > click() callback
 1   <!DOCTYPE html>
 2   <html lang="en">
 3   <head>
 4       <style>
 5           #paragraph {
 6               width: 600px;
 7               height: 60px;
 8               background-color: pink;
 9               line-height: 80px;
10               text-align: center;
11               font-size: 30px;
12           }
13       </style>
14       <script type="text/javascript" src="../../node_modules/jquery/dist/jquery.min.js"></script>
15       <script>
16           $(document).ready(function() {
17               $("#paragraph").click(function() {
18                   $("#paragraph").css("color", "white");
19                   $("#paragraph").mouseover(function() {
20                       $("#paragraph").css("backgound-color", "silver");
21                   });
22                   $("#paragraph").mouseout(function() {
23                       $("#paragraph").css("backgound-color", "blue");
24                   });
25                   $("#paragraph").dblclick(function() {
26                       $("#paragraph").css("border", "solid 3px black");
27                   });
28               })
29           })
30       </script>
31       <meta charset="UTF-8">
32       <meta name="viewport" content="width=device-width, initial-scale=1.0">
33       <title>Document</title>
34   </head>
35   <body>
36       <p id="paragraph">Practicum week 4 jquery</p>
37   </body>
38   </html>
```

Result:

127.0.0.1/basicweb/js5/code/html/num4.html

Practicum week 4 jquery

The display begin is text has black color and pink background. When we click one times, text will be changed to white color, then when we click twice, there will be appear black border.

5	Code:

```html
num1.html    num2.html    num4.html    num5.html ×    num5.css
code > html > num5.html > html > head > link
1    <!DOCTYPE html>
2    <html lang="en">
3    <head>
4        <link rel="stylesheet" href="../../code/css/num5.css">
5        <script type="text/javascript" src="../../node_modules/jquery/dist/jquery.min.js"></script>
6        <script>
7            $(document).ready(function() {
8                $(".button1").click(function() {
9                    $("div").hide();
10               });
11               $(".button2").click(function() {
12                   $("div").show();
13               });
14               $(".button3").click(function() {
15                   $("#div1").fadeOut();
16                   $("#div2").fadeOut("slow");
17                   $("#div3").fadeOut(3000);
18               });
19               $(".button4").click(function() {
20                   $("#div1").fadeIn();
21                   $("#div2").fadeIn("slow");
22                   $("#div3").fadeIn(3000);
23               });
24               $(".button5").click(function() {
25                   $("#div1").fadeTo("slow", 0.15);
26                   $("#div2").fadeTo("slow", 0.4);
27                   $("#div3").fadeTo("slow", 0.7);
28               });
29
30           });
31       </script>
32       <meta charset="UTF-8">
33       <meta name="viewport" content="width=device-width, initial-scale=1.0">
34       <title>Document</title>
35   </head>
36   <body>
37       <p>Jquer effect</p>
38       <div id="div1">Square</div><br><br>
39       <div id="div2">Square</div><br><br>
40       <div id="div3">Square</div><br><br>
41       <button class="button1">Hide</button>
42       <button class="button2">Show</button>
43       <button class="button3">Fade out</button>
44       <button class="button4">fade in</button>
45       <button class="button5">fade to</button>
46   </body>
47   </html>
```

```
num1.html          num2.html          num4.html
code > css > 🎨 num5.css > ...
  1    .square {
  2        width: 80px;
  3        height: 80px;
  4    }
  5
  6    #div1 {
  7        background-color: ▮red;
  8    }
  9
 10    #div2 {
 11        background-color: ▮green;
 12    }
 13
 14    #div3 {
 15        background-color: ▮blue;
 16    }
 17    |
```

Result:

|	
	From code above, there are jquery that contains hide, show fadeIn, fadeOut, fadeTo. Each function has effect that different when we click button.
6	Code:

```html
num6.html ×    num6.css
code > html >  num6.html >  html >  body >  div#square2
1    <!DOCTYPE html>
2    <html lang="en">
3    <head>
4        <link rel="stylesheet" href="../../code/css/num6.css">
5        <script type="text/javascript" src="../../node_modules/jquery/
         dist/jquery.min.js"></script>
6        <script>
7            $(document).ready(function() {
8                $("#flip").click(function() {
9                    $("#square2").slideUp("slow");
10               });
11           });
12       </script>
13       <meta charset="UTF-8">
14       <meta name="viewport" content="width=device-width,
         initial-scale=1.0">
15       <title>Document</title>
16   </head>
17   <body>
18       <div id="flip">Click to effect slide</div>
19       <div id="square2">Good morning</div>
20   </body>
21   </html>
```

```css
#square2, #flip {
    padding: 5px;
    text-align: center;
    background-color: #a7dbd8;
    border: solid 2px #e0e4cc;
    border-radius: 5px;
}

#square2 {
    padding: 50px;
}
```

Result:

Click to effect slide

Good morning
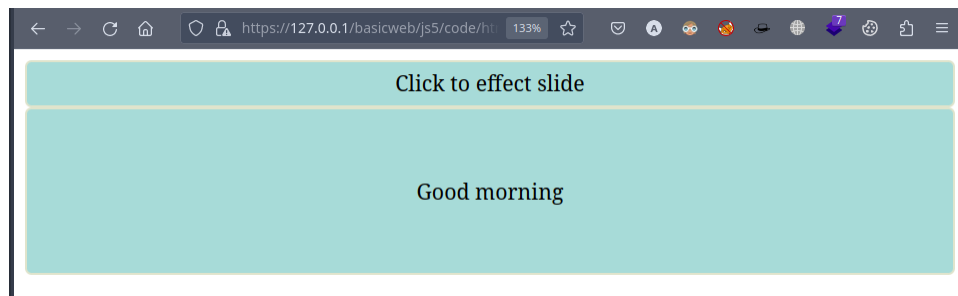
From code above, there is jquery that has slideUp() function that is to used to hide the selected elements.

7	Code:

```
num6.html  ×      num6.css

code > html >  num6.html >  html >  head >  script >  ready() callback >  click() callback
1    <!DOCTYPE html>
2    <html lang="en">
3    <head>
4        <link rel="stylesheet" href="../../code/css/num6.css">
5        <script type="text/javascript" src="../../node_modules/jquery/
     dist/jquery.min.js"></script>
6        <script>
7            $(document).ready(function() {
8                $("#flip").click(function() {
9                    $("#square2").slideDown("slow");
10               });
11           });
12       </script>
13       <meta charset="UTF-8">
14       <meta name="viewport" content="width=device-width,
     initial-scale=1.0">
15       <title>Document</title>
16   </head>
17   <body>
18       <div id="flip">Click to effect slide</div>
19       <div id="square2">Good morning</div>
20   </body>
21   </html>
```

From code above, we modified the previous code to change slideUp() to slideDown(). It is used to check the visibility of selected elements or to show the hidden elements.

| 8 | Code: |

```html
num6.html ×    num6.css
code > html > num6.html > html > head > script > ready() callback > click() callback
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <link rel="stylesheet" href="../../code/css/num6.css">
5       <script type="text/javascript" src="../../node_modules/jquery/
        dist/jquery.min.js"></script>
6       <script>
7           $(document).ready(function() {
8               $("#flip").click(function() {
9                   $("#square2").slideToggle("slow");
10              });
11          });
12      </script>
13      <meta charset="UTF-8">
14      <meta name="viewport" content="width=device-width,
        initial-scale=1.0">
15      <title>Document</title>
16  </head>
17  <body>
18      <div id="flip">Click to effect slide</div>
19      <div id="square2">Good morning</div>
20  </body>
21  </html>
```

From code above, we change function to slidetogle(). It is a method in jQuery which is an alternative for two separate methods namely **slideUp()** and **slideDown()**.

9	Code:

```html
num9.html ×        num9.css
code > html >  num9.html >  html >  head >  script >  ready() callback >  click() callback
1    <!DOCTYPE html>
2    <html lang="en">
3    <head>
4        <link rel="stylesheet" href="../../code/css/num9.css">
5        <script type="text/javascript" src="../../node_modules/jquery/
         dist/jquery.min.js"></script>
6        <script>
7            $(document).ready(function() {
8                $("button").click(function() {
9                    $("div").animate({
10                       left: 300
11                   });
12               });
13           });
14       </script>
15       <meta charset="UTF-8">
16       <meta name="viewport" content="width=device-width,
         initial-scale=1.0">
17       <title>Document</title>
18   </head>
19   <body>
20       <button type="button">Start animation</button>
21       <div class="box"></div>
22   </body>
23   </html>
```
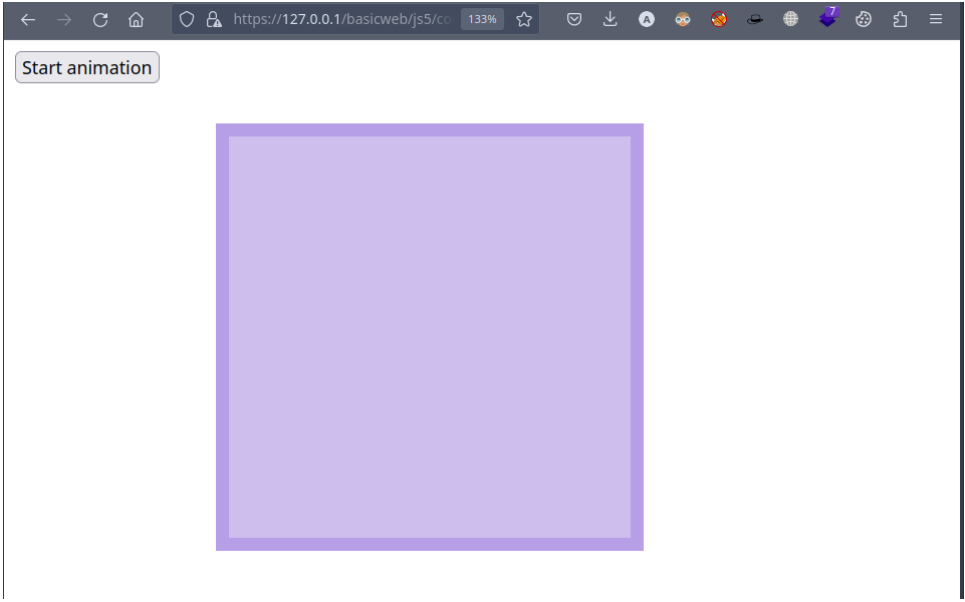
```css
num9.html        num9.css ×
code > css >  num9.css >  .box
1    .box {
2        width: 100px;
3        height: 100px;
4        background: #9d7ede;
5        margin-top: 30px;
6        border-style: solid;
7        border-color: #6f40ce;
8        position: relative;
9    }
```

Result:

Start animation

From code above, there is animate() function jquery that is used to **change the state of the element with CSS style**. This method can also be used to change the CSS property to create the animated effect for the selected element.

| 10 | Code:


```html
<!DOCTYPE html>
<html lang="en">
<head>
    <link rel="stylesheet" href="../../code/css/num9.css">
    <script type="text/javascript" src="../../node_modules/jquery/dist/jquery.min.js"></script>
    <script>
        $(document).ready(function() {
            $("button").click(function() {
                $(".box")
                    .animate({width: 300})
                    .animate({height: 300})
                    .animate({marginLeft: 150})
                    .animate({borderWidth: 10})
                    .animate({opacity: 0.5});
            });
        });
    </script>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <button type="button">Start animation</button>
    <div class="box"></div>
</body>
</html>
```

	Result: From code above, we modified the previous code to add multiple animate() that has different functionality according to css property that create animation.
11	Code:

```html
num11.html ×     num9.css
code > html >  num11.html >  html >  body >  p
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <link rel="stylesheet" href="../../code/css/num9.css">
5       <script type="text/javascript" src="../../node_modules/jquery/
        dist/jquery.min.js"></script>
6       <script>
7           $(document).ready(function() {
8               $("#button1").click(function() {
9                   alert($("#test1").text());
10              });
11              $("#button2").click(function() {
12                  alert($("#test2").html());
13              });
14              $("#button3").click(function() {
15                  alert($("#test3").val());
16              });
17          });
18      </script>
19      <meta charset="UTF-8">
20      <meta name="viewport" content="width=device-width,
        initial-scale=1.0">
21      <title>Document</title>
22  </head>
23  <body>
24      <p id="test1">This is the first paragraph</p>
25      <p id="test2">this is <b>another</b> paragraph</p>
26      <p>Your Name: <input type="text" id="test3"></p>
27      <button id="button1">Get Text</button>
28      <button id="button2">Get HTML</button>
29      <button id="button3">Get Value</button>
30  </body>
31  </html>
```

Result:

This is the first paragraph

this is **another** paragraph

Your Name: asd

[Get Text] [Get HTML] [Get Value]

From code above, there are multiple jquery function that are return different result.
text() that is to return text in html format, then html() return html tag, then val()
return value that we input it.

12	Code:

```html
num12.html ×
code > html > num12.html > html > body > p#test1
1    <!DOCTYPE html>
2    <html lang="en">
3    <head>
4        <link rel="stylesheet" href="../../code/css/num9.css">
5        <script type="text/javascript" src="../../node_modules/jquery/
     dist/jquery.min.js"></script>
6        <script>
7            $(document).ready(function() {
8                $("#button1").click(function() {
9                    $("#test1").text("<b>Hello world</b>");
10               });
11               $("#button2").click(function() {
12                   $("#test2").html("<b>Hello world</b>");
13               });
14               $("#button3").click(function() {
15                   $("#test3").val("polinema");
16               });
17           });
18       </script>
19       <meta charset="UTF-8">
20       <meta name="viewport" content="width=device-width,
     initial-scale=1.0">
21       <title>Document</title>
22   </head>
23   <body>
24       <p id="test1">This is the first paragraph</p>
25       <p id="test2">this is <b>another</b> paragraph</p>
26       <p>Your Name: <input type="text" id="test3"></p>
27       <button id="button1">Get Text</button>
28       <button id="button2">Get HTML</button>
29       <button id="button3">Get Value</button>
30   </body>
31   </html>
```

Result:

This is the first paragraph

this is **another** paragraph

Your Name: polinema

Get Text Get HTML Get Value

From code above, there is jquery function that same with previous code, but it different in display. The previous is display in alert, but it display without alert.

13	Code:

Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <link rel="stylesheet" href="../../code/css/num9.css">
    <script type="text/javascript" src="../../node_modules/jquery/dist/jquery.min.js"></script>
    <script>
        $(document).ready(function() {
            // Add rows
            $(".add-rows").click(function() {
                var name = $("#name").val();
                var email = $("#email").val();
                var markup = "<tr><td><input type='checkbox' name='record'></td><td>" + name + "</td><td>" + email + "</td></tr>";
                $("table tbody").append(markup);
            });
            // Delete rows that are checked
            $(".delete-rows").click(function() {
                $("table tbody").find('input[name="record"]').each(function() {
                    if ($(this).is(":checked")) {
                        $(this).closest("tr").remove();
                    }
                });
            });
        });
    </script>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <form action="">
        <input type="text" id="name" placeholder="Name">
        <input type="text" id="email" placeholder="Email address">
        <input type="button" class="add-rows" value="Add row">
    </form>

    <table>
        <thead>
            <tr>
                <th>Select</th>
                <th>Name</th>
                <th>Email</th>
            </tr>
        </thead>

        <tbody>
            <tr>
                <td><input type="checkbox" name="record"></td>
                <td>Tony Stark</td>
                <td>tonystark@gmail.com</td>
            </tr>
        </tbody>
    </table>
    <button type="button" class="delete-rows">Delete row</button>
</body>
</html>
```
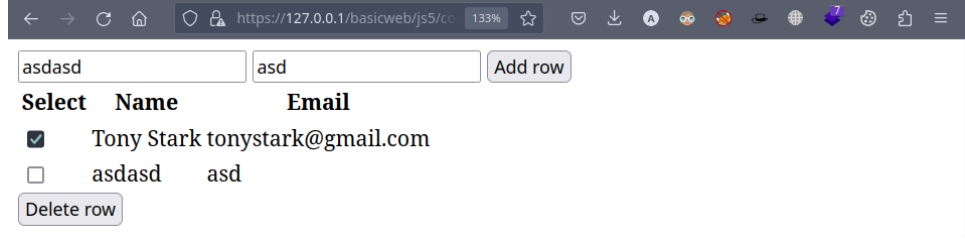
Result:

From code above, there is jquery function that is to add rows and delete rows. It add rows with used append() function, then delete rows with used remove() function.
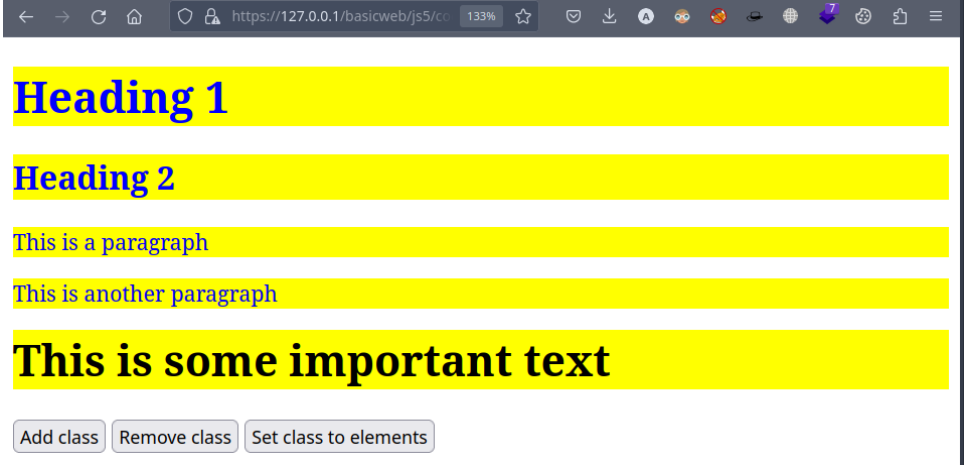
14	Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <link rel="stylesheet" href="../../code/css/num14.css">
    <script type="text/javascript" src="../../node_modules/jquery/dist/jquery.min.js"></script>
    <script>
        $(document).ready(function() {
            $(".btn1").click(function() {
                $("h1, h2, p").addClass("blue");
                $("div").addClass("important");
            });
            $(".btn2").click(function() {
                $("h1, h2, p").removeClass("blue");
            });
            $(".btn3").click(function() {
                $("h1, h2, p, div").css("background-color", "yellow", "font-size", "100%");
            });
        });
    </script>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <h1>Heading 1</h1>
    <h2>Heading 2</h2>
    <p>This is a paragraph</p>
    <p>This is another paragraph</p>
    <div>This is some important text</div><br>

    <button class="btn1">Add class</button>
    <button class="btn2">Remove class</button>
    <button class="btn3">Set class to elements</button>
</body>
</html>
```

```css
.important {
    font-weight: bold;
    font-size: xx-large;
}

.blue {
    color: blue;
}
```

Result:

From code above, there is jquery function that is addClass() function to add class at html tag that we want it, then there is removeClass() that is to remove class, then css() to add css properties.

15	Code:

```html
num15.html  ×    num15.css

code > html > num15.html > html > body > div#slider > div#title3.slidertitle
 1  <!DOCTYPE html>
 2  <html lang="en">
 3  <head>
 4      <link rel="stylesheet" href="../../code/css/num15.css">
 5      <script type="text/javascript" src="../../node_modules/jquery/dist/jquery.min.js"></script>
 6      <script>
 7          var i = 0;
 8          $(document).ready(function() {
 9              $(".slidertitle, #slider img").hide();
10              showNextImage();
11              setInterval('showNextImage()', 3000);
12          });
13
        Codeium: Refactor | Explain | Generate Function Comment
14          function showNextImage() {
15              i++;
16              $('#sliderImage' + i).appendTo('#slider').fadeIn(1100).delay(1100).fadeOut(1100);
17              $('#title' + i).appendTo('#slider').fadeIn(1100).delay(1100).fadeOut(1100);
18              if (i == 3) {
19                  i = 0;
20              }
21          }
22      </script>
23      <meta charset="UTF-8">
24      <meta name="viewport" content="width=device-width, initial-scale=1.0">
25      <title>Document</title>
26  </head>
27  <body>
28      <div id="slider">
29          <img src="../img/img1.webp" id="sliderImage1" alt="">
30          <div class="slidertitle" id="title1">image1</div>
31          <img src="../img/img2.jpeg" id="sliderImage2" alt="">
32          <div class="slidertitle" id="title2">image2</div>
33          <img src="../img/img3.jpeg" id="sliderImage3" alt="">
34          <div class="slidertitle" id="title3">image3</div>
35      </div>
36  </body>
37  </html>
38
```

```
num15.html        num15.css ×

code > css > 🎨 num15.css > 🔗 .slidertitle
  1   #slider {
  2       padding: 10px 0 10px;
  3       position: relative;
  4       width: 300px;
  5       height: 300px;
  6   }
  7
  8   #slider img {
  9       width: 300px;
 10       height: 300px;
 11       position: absolute;
 12       -webkit-border-radius: 5px 5px 5px 5px;
 13       border-radius: 5px;
 14       -moz-border-radius: 5px 5px 5px 5px;
 15   }
 16
 17   .slidertitle {
 18       width: 280px;
 19       margin-top: 265px;
 20       text-align: center;
 21       position: absolute;
 22       padding: 10px;
 23       -webkit-border-radius: 0px 0px 5px 5px;
 24       border-radius: 0px 0px 5px 5px;
 25       -moz-border-radius: 5px 5px 5px 5px;
 26       color: #FFF;
 27       background-color: rgba(12, 22, 23, 0.50);
 28   }
```

Result:

image2

From code above, there is jquery image that is used to show slider image.

16	Code:

```html
num16.html ×    num15.css
code > html >  num16.html >  html >  head >  script
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <link rel="stylesheet" href="../../jquery-ui-1.13.2.custom/
        jquery-ui.css">
5       <script type="text/javascript" src="../../node_modules/jquery/
        dist/jquery.min.js"></script>
6       <script src="../../jquery-ui-1.13.2.custom/jquery-ui.js"></script>
7       <script>
8           $(function() {
9               $( "#date_ex" ).datepicker();
10          });
11      </script>
12      <meta charset="UTF-8">
13      <meta name="viewport" content="width=device-width,
        initial-scale=1.0">
14      <title>Document</title>
15  </head>
16  <body>
17      <div>Selected Date: <input type="text" id="date_ex"></div>
18  </body>
19  </html>
20
```
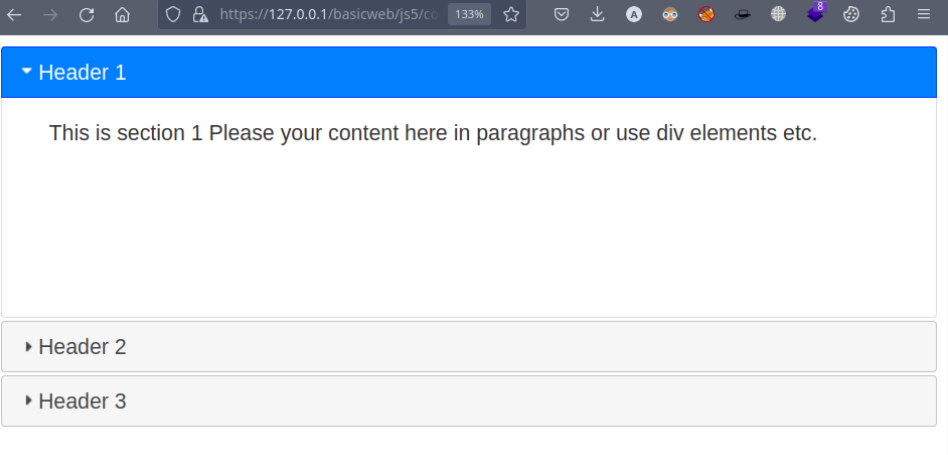
Result:

	Selected Date: 10/15/2023 **October 2023** Su Mo Tu We Th Fr Sa 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 From code above, we use jquery ui to used date picker.
| 17 | Code: <br><br> ```html
<!DOCTYPE html>
<html lang="en">
<head>
    <link rel="stylesheet" href="../../jquery-ui-1.13.2.custom/jquery-ui.css">
    <script type="text/javascript" src="../../node_modules/jquery/dist/jquery.min.js"></script>
    <script src="../../jquery-ui-1.13.2.custom/jquery-ui.js"></script>
    <script>
        $(function() {
            $( "#jQuery_accordion" ).accordion();
        });
    </script>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <div id="jQuery_accordion">
        <h3>Header 1</h3>
        <p>This is section 1
            Please your content here in paragraphs or use div elements etc.
        </p>
        <h3>Header 2</h3>
        <p>This is section 2. You can also include image like this:
        <br>
        <img src="../img/img2.jpeg" alt=""></p>
        <h3>Header 3</h3>
        <div>
            <p>This is section 3. Content can include listing as well.
                <ol>
                    <li>Item 1</li>
                    <li>Item 2</li>
                    <li>Item 3</li>
                </ol>
            </p>
        </div>
    </div>
</body>
</html>
``` <br><br> Result: |

From code above, there is jquery ui function that is accordion() that is used to activate event is used to trigger after an accordion panel has been activated.

18	Code:

num18.html ×   numnum.html

code > html > num18.html > html > body > p > img

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
    initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <h1>Tutorial AJAX sederhana</h1>
    <p id="hint">Tutorial load() function</p>
    <p><img src="../img/img2.jpeg" alt=""></p>
</body>
</html>
```

num18.html   numnum.html ×

code > html > numnum.html > html > body > button

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <script type="text/javascript" src="../../node_modules/jquery/
    dist/jquery.min.js"></script>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
    initial-scale=1.0">
    <script>
        $(document).ready(function() {
            $("button").click(function() {
                $("#box").load("num18.html");
            });
        });
    </script>
    <title>Document</title>
</head>
<body>
    <div id="box">
        <h2>Click button below to display content</h2>
    </div>
    <button type="button">Click me!</button>
</body>
</html>
```

Result:

From code above, we use jquery function that is load() to html file, then set to box id.