1. Write a j-Query to Attach a click and double-click event to the <p> element.
 (1) For Single Click append the following Paragraph <p> This is a click event </p>
 (2) For Single double Click append the following Paragraph <p> This is a Double click event </p>

Ans :

```
<html>
<head>
  <script src="F:\jquary wd 2\jquery.min.js"></script>
  <style>
    p {
      color: green;
      font-size: 16px;
      cursor: pointer;
    }
    .double-clicked {
      color: red;
    }
  </style>
  <script>
    $(document).ready(function() {
      $("p").on("click", function() {
        var that = this;
        setTimeout(function() {
          if (!$(that).data('doubleClicked')) {
            $(that).append("<p>This is a click event</p>");
          }
          $(that).data('doubleClicked', false);
        }, 300);
      });

      $("p").on("dblclick", function() {
        $(this).data('doubleClicked', true);
        $(this).append("<p class='double-clicked'>This is a Double click event</p>");
      });
    });
  </script>
</head>
<body>
  <p>click this paragraph</p>
```

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

2. Write a jQuery Code to Hide all headings on a page when they are clicked.

Ans :

```
<html>
<head>
<script src="F:\jquary wd 2\jquery.min.js"></script>
<script>
$(document).ready(function(){
  $("button.hide").click(function(){
   $("h1").hide(1000);
  });

  $("button.show").click(function(){
   $("h1").show(1000);
  });
});
</script>
</head>
<body>

<button class="hide">Hide</button>
<button class="show">Show</button>

<h1>My Name is Hritik</h1>
<h1>I Am Study in Bca Sem 4</h1>

</body>
</html>
```

3. Write a jQuery Code to Double click on paragraph to toggle background color.

Ans:

```
<html>
<head>
        <script src= "F:\jquary wd 2\jquery.min.js"> </script>
        <script>
                $(document).ready(function () {
                        var block = $(".main");
                        block.dblclick(function () {
                                block.toggleClass("GFG");
                        });
                });
        </script>
        <style>
                body {
                        text-align: center;
                }

                .main {
                        width: 350px;
                        height: 130px;
                        border: 2px solid black;
                }

                .GFG {
                        background:#e0fca4;
                        color:#3851cf;
                }
        </style>
</head>

<body>
        <div class="main">
         <h3>SY BCA sem4<h3>
                <h3>
                Double click on a paragraph  My Name is hritik i am study zs patel collage
                </h3>
        </div>
</body>
</html>
```

4. Write a jQuery Code to Click a header to add another.

Ans :

```
<html>
<head>
        <title> head</title>
        <script src= "F:\jquary wd 2\jquery.min.js"> </script>
        <script>
                $(document).ready(function () {
                        $("body").delegate("h1, h3", "click", function () {
                                $(this).after("<h3>Add the bca sem 4!</h3>");
                        });
                });
        </script>
        <style>
                body {
                        text-align: center-right;
                }

                h1 {
                        color: green;
                }
                h3{
                   color:red;
                }
        </style>
</head>
<body>
        <h1>sybca sem3</h1>
</body>
</html>
```

5. Write a jQuery Code to Find the data passed with the on() method for each <p> element

Ans:

```
<html>
<head>
<script src="F:\jquary wd 2\jquery.min.js"></script>
<script>
$(document).ready(function(){
 $("p").on("click", function(){
   alert("my name is hritik");
  });
});
</script>
</head>
<body>
<p>bca sem 4 </p>

</body>
</html>
```

6. Write a jQuery Code to Change the background color of the <div> element of the following code on clicking the button.

Ans:

```
<html>
<head>
  <title> background color </title>
</head>
<body style="text-align:center-left;">
  <h1 style="color:#000000;">
              Background color Add
  </h1>
  <h3 style="color:#000000">
    Click on button <button onclick="myFunc()">Click here</button>
  </h3>
  <script>

    function changeColor(color) {
      document.body.style.background = color;
    }
    function myFunc() {
      changeColor('#4287f5');
      result.innerHTML = "Background Color sucess";
    }
  </script>
</body>
</html>
```

7. Write a jQuery Code to Cancel the default action (click) of the first URL.

Ans:

```
<html>
<head>
  <title> Default Action</title>
  <script src="F:\jquary wd 2\jquery.min.js"></script>
  <script>
    $(document).ready(function() {
      $('a:first').on('click', function(event) {
        event.preventDefault();
        alert('Default action canceled for the first URL link.');
      });
    });
  </script>
</head>
<body>
  <h1>Links</h1>
  <a href="https://en.wikipedia.org/wiki/Main_Page"> wikipedia</a><br>
</body>
</html>
```

8. Write a jQuery Code to Display the tag's name on click.

Ans:

```html
<html>
<head>
<title>Tag Name on Click</title>
<script src="F:\jquary wd 2\jquery.min.js"></script>
<style>
body {
        background-color: lightblue;
}
</style>
</head>
<body>
        <h1>Click on any element to see its tag name</h1>
        <p>I Am Study In SYBCA SEM-4</p>
<button>Click me!</button>
        <div>This is D div.</div>
<script>
        $(document).on("click", "*", function() {
        var tagName = $(this).prop("tagName").toLowerCase();
        alert("Tag name: " + tagName);
        });
</script>
</body>
</html>
```

9. Write a jQuery Code to Display the keyboard key which was pressed in a textbox

Ans:

```html
<html>
<head>
<title>Display Pressed Key</title>
<script src="F:\jquary wd 2\jquery.min.js"></script>
<style>
            body {
            background-color: #f0f0f0;}
            textbox
            {
            background-color: #ffffff;
            color: #00698f;
            padding: 10px;
            font-size: 18px;
            }
</style>
</head>
<body>
        <H1>ENTER THE DISPLAY</H1><input type="text" id="textbox" />
<script>
            $(document).ready(function()
        {
            $("#textbox").keydown(function(event) {
            var key = event.key;
            $("#textbox").val(key);
            });
        });
</script>
</body>
</html>
```

10. Write a jQuery Code to Attach a function to the focus event. The focus event occurs (display a message regarding the text field) when the <input> field gets focus.

Ans:

```
<html>
<head>
 <title> demo</title>
 </style>
 <script src="F:\jquary wd 2\jquery.min.js"></script>
</head>
<body>

<p><input type="text" id="enter id"> <span>Enter id </span></p>
<p><input type="password" id="Enter password"> <span>Enter password</span></p>

<script>
        $( "input" ).on( "focus", function() {
        $( this ).next( "span" ).css( "display", "inline" ).fadeOut( 3000 );
        } );
</script>
</body>
</html>
```

11. Write a jQuery Code to Set background color of an element when the element (or any elements inside it) gets focus or loses focus.

Ans:

```
<html>
<head>
<title>Display Pressed Key</title>
<script src="F:\jquary wd 2\jquery.min.js"></script>
<style>
                body {
                background-color: #f0f0f0;}
                textbox
                {
                background-color: #ffffff;
                color: #00698f;
                padding: 10px;
                font-size: 18px;
                }
</style>
</head>
<body>
        <H1>ENTER THE DISPLAY</H1><input type="text" id="textbox" />
<script>
                $(document).ready(function()
        {
                $("#textbox").keydown(function(event) {
                var key = event.key;
                $("#textbox").val(key);
                });
        });
</script>
</body>
</html>
```

12. Write a jQuery Code to Count the number of specific elements

Ans :

```
<html>
<head>
<title>Count Elements Example</title>
   <script src="F:\jquary wd 2\jquery.min.js"></script>
</head>
<body>
        <div class="my-class">Div 1</div>
        <div class="my-class">Div 2</div>
        <div class="my-class">Div 3</div>
 <script>
        $(document).ready(function() {
         var count = $('.my-class').length;
          console.log('Number of elements with class "my-class": ' + count);
   });
   </script>
</body>
</html>
```

13. Write a jQuery Code to Show texts when mouseup and mousedown event triggering.

Ans:

```html
<html>
<head>
   <title>Mouse Events Example</title>
   <script src="F:\jquary wd 2\jquery.min.js"></script>
   <style>
     #message {
        margin-top: 20px;
        font-size: 20px;
        color: blue;
     }
     #target {
        width: 200px;
        height: 200px;
        background-color: lightgray;
        display: flex;
        align-items: center;
        justify-content: center;
        border: 1px solid #ccc;
        cursor: pointer;
     }
   </style>
</head>
<body>
   <div id="target">Click and Hold Me</div>
   <div id="message"></div>

   <script>
     $(document).ready(function() {
        $('#target').on('mousedown', function() {
           $('#message').text('Mouse is down!');
        });

        $('#target').on('mouseup', function() {
           $('#message').text('Mouse is up!');
        });

        $('#target').on('mouseleave', function() {
           $('#message').text('');
        });
     });
   </script>
</body>
</html>
```