

## hello.html (Page 1 of 1)

```
1: <!DOCTYPE html>
2: <!-- ===== -->
3: <!-- hello.html -->
4: <!-- Author: Bob Dondero -->
5: <!-- ===== -->
6:
7: <html>
8:
9:   <head>
10:    <title>Hello World</title>
11:  </head>
12:
13:  <body>
14:
15:    <p>Hello <strong>COS 333</strong>, and welcome!</p>
16:
17:    <script>
18:      'use strict';
19:      console.log('hello, console');
20:    </script>
21:
22:  </body>
23:
24: </html>
```

## helloerror.html (Page 1 of 1)

```
1: <!DOCTYPE html>
2: <!-- ===== -->
3: <!-- helloerror.html -->
4: <!-- Author: Bob Dondero -->
5: <!-- ===== -->
6:
7: <html>
8:
9:   <head>
10:    <title>Hello Error</title>
11:  </head>
12:
13:  <body>
14:
15:    <p>Hello <strong>COS 333</strong>, and welcome!</p>
16:
17:    <script>
18:      'use strict';
19:      // Unterminated string literal on next line.
20:      console.log('hello, console);
21:    </script>
22:
23:  </body>
24:
25: </html>
26:
```

## changedom1.html (Page 1 of 1)

```
1: <!DOCTYPE html>
2: <!-- ===== -->
3: <!-- changedom1.html -->
4: <!-- Author: Bob Dondero -->
5: <!-- ===== -->
6:
7: <html>
8:
9:   <head>
10:    <title>Change DOM (Version 1)</title>
11:  </head>
12:
13:  <body>
14:    <p>Hello <strong>someclass</strong>, and welcome!</p>
15:  </body>
16:
17: </html>
```

## changedom2.html (Page 1 of 1)

```
1: <!DOCTYPE html>
2: <!-- ===== -->
3: <!-- changedom2.html -->
4: <!-- Author: Bob Dondero -->
5: <!-- ===== -->
6:
7: <html>
8:
9:   <head>
10:    <title>Change DOM (Version 2)</title>
11:  </head>
12:
13:  <body>
14:    <p>Hello <strong>someclass</strong>, and welcome!</p>
15:
16:    <script>
17:      'use strict';
18:      function writeDomTree(node, indent) {
19:        console.log(indent + node + ': ' + node.nodeName);
20:        for (let child of node.childNodes)
21:          writeDomTree(child, indent + ' ');
22:      }
23:      writeDomTree(document, '');
24:    </script>
25:  </body>
26:
27: </html>
```

## changedom3.html (Page 1 of 1)

```

1: <!DOCTYPE html>
2: <!-- ===== -->
3: <!-- changedom3.html -->
4: <!-- Author: Bob Dondero -->
5: <!-- ===== -->
6:
7: <html>
8:
9:   <head>
10:    <title>Change DOM (Version 3)</title>
11:   </head>
12:
13:   <body>
14:    <p>Hello <strong>someclass</strong>, and welcome!</p>
15:
16:    <script>
17:      'use strict';
18:
19:      function changeName() {
20:        let htmlNode = document.childNodes[5];
21:        let bodyNode = htmlNode.childNodes[2];
22:        let pNode = bodyNode.childNodes[1];
23:        let strongNode = pNode.childNodes[1];
24:        strongNode.innerHTML = 'COS 333';
25:
26:        // Or more succinctly:
27:        // document.childNodes[5].childNodes[2].childNodes[1].
28:        //   childNodes[1].innerHTML = 'COS 333';
29:      }
30:
31:      window.setTimeout(changeName, 3000);
32:    </script>
33:   </body>
34:
35: </html>

```

## changedom4.html (Page 1 of 1)

```

1: <!DOCTYPE html>
2: <!-- ===== -->
3: <!-- changedom4.html -->
4: <!-- Author: Bob Dondero -->
5: <!-- ===== -->
6:
7: <html>
8:
9:   <head>
10:    <title>Change DOM (Version 4)</title>
11:   </head>
12:
13:   <body>
14:
15:    <p>Hello <strong id="myStrong">someclass</strong>,
16:    and welcome!</p>
17:
18:    <script>
19:      'use strict';
20:
21:      function changeName() {
22:        // Access an element by element id:
23:        let strongNode = document.getElementById('myStrong');
24:        strongNode.innerHTML = 'COS 333';
25:      }
26:
27:      window.setTimeout(changeName, 3000);
28:    </script>
29:
30:   </body>
31:
32: </html>

```

## events1.html (Page 1 of 1)

```

1: <!DOCTYPE html>
2: <!-- ===== -->
3: <!-- events1.html -->
4: <!-- Author: Bob Dondero -->
5: <!-- ===== -->
6:
7: <html>
8:   <head>
9:     <title>JavaScript Events</title>
10:   </head>
11:
12:   <body>
13:     <hr>
14:     <input
15:       type="text"
16:       value="Type something here"
17:
18:       onmouseover="notify('mouseover')"
19:       onmouseout="notify('mouseout')"
20:
21:       onfocus="notify('focus')"
22:       onblur="notify('blur')"
23:
24:       onclick="notify('click')"
25:       ondblclick="notify('dblclick')"
26:
27:       onselect="notify('select')"
28:
29:       onkeypress="notify('keypress')">
30:   <hr>
31:   <p id="myNotifyArea"></p>
32:   <hr>
33:
34:   <script>
35:     'use strict';
36:     function notify(eventName) {
37:       let notifyArea = document.getElementById('myNotifyArea');
38:       notifyArea.innerHTML += eventName;
39:       notifyArea.innerHTML += ' ';
40:     }
41:   </script>
42:
43: </body>
44: </html>

```

## events2.html (Page 1 of 1)

```

1: <!DOCTYPE html>
2: <!-- ===== -->
3: <!-- events2.html -->
4: <!-- Author: Bob Dondero -->
5: <!-- ===== -->
6:
7: <html>
8:   <head>
9:     <title>JavaScript Events</title>
10:   </head>
11:
12:   <body>
13:     <hr>
14:     <input type="text" value="Type something here" id="myInput">
15:     <hr>
16:     <p id="myNotifyArea"></p>
17:     <hr>
18:
19:     <script>
20:
21:       'use strict';
22:
23:       function notify(eventName) {
24:         let notifyArea = document.getElementById('myNotifyArea');
25:         notifyArea.innerHTML += eventName;
26:         notifyArea.innerHTML += ' ';
27:       }
28:
29:       function setup() {
30:         let myInput = document.getElementById('myInput');
31:
32:         myInput.addEventListener('mouseover',
33:           function() {notify('mouseover');}
34:         );
35:         myInput.addEventListener('mouseout',
36:           function() {notify('mouseout');}
37:         );
38:         myInput.addEventListener('focus',
39:           function() {notify('focus');}
40:         );
41:         myInput.addEventListener('blur',
42:           function() {notify('blur');}
43:         );
44:         myInput.addEventListener('click',
45:           function() {notify('click');}
46:         );
47:         myInput.addEventListener('dblclick',
48:           function() {notify('dblclick');}
49:         );
50:         myInput.addEventListener('select',
51:           function() {notify('select');}
52:         );
53:         myInput.addEventListener('keypress',
54:           function() {notify('keypress');}
55:         );
56:       }
57:
58:       document.addEventListener('DOMContentLoaded', setup);
59:
60:     </script>
61:
62:   </body>
63: </html>

```