hello.html (Page 1 of 1)

```
<!DOCTYPE html>
<!-- ================================================================== -->
<!-- hello.html                                                         -->
<!-- Author: Bob Dondero                                                -->
<!-- ================================================================== -->

<html>

   <head>
      <title>Hello World</title>
   </head>

   <body>

      <p>Hello <strong>COS 333</strong>, and welcome!</p>

      <script>
         'use strict';
         console.log('hello, console');
      </script>

   </body>

</html>
```

helloerror.html (Page 1 of 1)

```
<!DOCTYPE html>
<!-- ================================================================== -->
<!-- helloerror.html                                                    -->
<!-- Author: Bob Dondero                                                -->
<!-- ================================================================== -->

<html>

   <head>
      <title>Hello Error</title>
   </head>

   <body>

      <p>Hello <strong>COS 333</strong>, and welcome!</p>

      <script>
         'use strict';
          // Unterminated string literal on next line.
          console.log('hello, console);
      </script>

   </body>

</html>

```

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)

```
<!DOCTYPE html>
<!-- ================================================================ -->
<!-- changedom3.html                                                  -->
<!-- Author: Bob Dondero                                              -->
<!-- ================================================================ -->

<html>

   <head>
      <title>Change DOM (Version 3)</title>
   </head>

   <body>
      <p>Hello <strong>someclass</strong>, and welcome!</p>

      <script>
         'use strict';

         function changeName() {
            let htmlNode = document.childNodes[5];
            let bodyNode = htmlNode.childNodes[2];
            let pNode = bodyNode.childNodes[1];
            let strongNode = pNode.childNodes[1];
            strongNode.innerHTML = 'COS 333';

            // Or more succinctly:
            // document.childNodes[5].childNodes[2].childNodes[1].
            //    childNodes[1].innerHTML = 'COS 333';
         }

         window.setTimeout(changeName, 3000);
      </script>
   </body>

</html>
```

changedom4.html (Page 1 of 1)

```
<!DOCTYPE html>
<!-- ================================================================ -->
<!-- changedom4.html                                                  -->
<!-- Author: Bob Dondero                                              -->
<!-- ================================================================ -->

<html>

   <head>
      <title>Change DOM (Version 4)</title>
   </head>

   <body>

      <p>Hello <strong id="myStrong">someclass</strong>,
      and welcome!</p>

      <script>
         'use strict';

         function changeName() {
            // Access an element by element id:
            let strongNode = document.getElementById('myStrong');
            strongNode.innerHTML = 'COS 333';
         }

         window.setTimeout(changeName, 3000);
      </script>

   </body>

</html>
```

events1.html (Page 1 of 1)

```
<!DOCTYPE html>
<!-- ================================================================ -->
<!-- events1.html                                                     -->
<!-- Author: Bob Dondero                                              -->
<!-- ================================================================ -->

<html>
   <head>
      <title>JavaScript Events</title>
   </head>

   <body>
      <hr>
      <input
         type="text"
         value="Type something here"

         onmouseover="notify('mouseover')"
         onmouseout="notify('mouseout')"

         onfocus="notify('focus')"
         onblur="notify('blur')"

         onclick="notify('click')"
         ondblclick="notify('dblclick')"

         onselect="notify('select')"

         onkeypress="notify('keypress')">
      <hr>
      <p id="myNotifyArea"></p>
      <hr>

      <script>
         'use strict';
         function notify(eventName) {
            let notifyArea = document.getElementById('myNotifyArea');
            notifyArea.innerHTML += eventName;
            notifyArea.innerHTML += ' ';
         }
      </script>

   </body>
</html>
```

events2.html (Page 1 of 1)

```
<!DOCTYPE html>
<!-- ================================================================ -->
<!-- events2.html                                                     -->
<!-- Author: Bob Dondero                                              -->
<!-- ================================================================ -->

<html>
   <head>
      <title>JavaScript Events</title>
   </head>

   <body>
      <hr>
      <input type="text" value="Type something here" id="myInput">
      <hr>
      <p id="myNotifyArea"></p>
      <hr>

      <script>

         'use strict';

         function notify(eventName) {
            let notifyArea = document.getElementById('myNotifyArea');
            notifyArea.innerHTML += eventName;
            notifyArea.innerHTML += ' ';
         }

         function setup() {
            let myInput = document.getElementById('myInput');

            myInput.addEventListener('mouseover',
               function() {notify('mouseover');}
            );
            myInput.addEventListener('mouseout',
               function() {notify('mouseout');}
            );
            myInput.addEventListener('focus',
               function() {notify('focus');}
            );
            myInput.addEventListener('blur',
               function() {notify('blur');}
            );
            myInput.addEventListener('click',
               function() {notify('click');}
            );
            myInput.addEventListener('dblclick',
               function() {notify('dblclick');}
            );
            myInput.addEventListener('select',
               function() {notify('select');}
            );
            myInput.addEventListener('keypress',
               function() {notify('keypress');}
            );
         }

         document.addEventListener('DOMContentLoaded', setup);

      </script>

   </body>
</html>
```