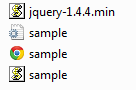
**CSS3/JS/HTML Exercise:**

Please extract the attached **CodeFiles.zip** file. You should find the following files once you extract it.



Attached is a **sample.html** page with javascript and css files linked. The javascript file (**sample.js**) and the CSS file (**sample.css**) **are empty files** with no source code but are linked in the attached HTML file (sample.html).

You should **not** change the *sample.html* file to complete the assignment below.   
You should **only update** the javascript and CSS file attached to complete the below.

1. By changing only the *sample.css* file, make the background of **only** the first <li> element on the page have a red background when the mouse hover it.
2. By changing only the *sample.css* file, move the button to the right side of the screen and change the background color to red.
3. By changing only the *sample.js* file, show a message box that says “Hello, World!” when a user types “hello” in the text box.
4. By changing only the *sample.js* file, add an additional item to the second list with an incrementing number every time the button is clicked.

**.NET Exercise:**

Please provide an Object-oriented class design (preferably in C# code) that represents a television and remote control.

* The television can be turned on/off, have the channel changed up/down, or have the ability to go to a specific channel.
* The user can directly control the television, or use the remote control to change channels.
* The television and remote control are linked by a remote control code and the television should not respond to remote controls that it is not linked to.
* You do not need to implement any UI or data access, but please provide a unit test suite where you test all the functionality.

If you have any questions, please do not hesitate to email us at [mohan.kumar@transamerica.com](mailto:mohan.kumar@transamerica.com)