CSF205 – Data Representation, Markup Languages, and Web Services

Lab 02: CSS

Resources to use:
You can use either the HTML4 or HTML5 version.

http://w3c.github.io/html-reference/spec.html & https://developer.mozilla.org/en-US/docs/Web/CSS/Reference

CSS Validator: https://jigsaw.w3.org/css-validator/

Tasks:

a. Apply the style **samson** to the items starting with the name samson and the style **appleton** to the items starting with the name appleton

```
<!DOCTYPE HTML>
<html>
  <head>
    <title>The Garden Company</title>
    <style>
      hr {color: green; background-color: green; height: 3}
      .appleton {color: green}
      .sampson {color: blue}
      .box { width: 100px; float: left; margin: 0 10px 30px 0; }
      .red { color: red; background: pink; }
      .blue { color: blue; background: light-blue; }
      .green { color: green; background: light-green; }
      .border { border: 5px solid black; }
    </style>
  </head>
  <body>
    <h1>September Best-Sellers</h1>
    <ol>
      <li>Sampson & Company All-Natural Pesticide</li>
      <li>Vickers and Vickers Fertilizer Sticks</li>
      <li>Appleton Acres Big Sack of Bulbs, Tulips</li>
      <li>Jackson and Perkins Climbing Rosebushes</li>
```

```
        <li>Easton Create-Your-Own Paving Stones Kit</li>
        <li>Appleton Acres Big Sack of Bulbs, Daffodils</li>
        <li>Appleton Acres Big Sack of Bulbs, Hyacinths</li>
        <li>Appleton Acres Big Sack of Bulbs, Crocuses</li>
        <li>Hawthorne Hills Hosta, 3-Pack</li>
        <li>Sampson & Company All-Natural Herbicide</li>
      </ol>
      <hr>
      <p>Copyright &copy; 2012 The Garden Company&trade;<br>
        No material may be reproduced without written permission
      </p>
    </body>
  </html>
```

b. In the above HTML and CSS code, what is the code that applies the styles **red**, **box** and **border** to the ordered list?

```


```

c. Create a new default.css file with the following styles and link it to the above HTML externally and add elements to the HTML to which the styles will be applied to automatically.

```
hr {color: green; background-color: green; height: 3px;}
ul {list-style-type: square}
ul ul {list-style-type: disc}
ul ul ul {list-style-type: circle}
a:link {color: blue}
a:visited {color: green}
a:hover {color: lime}
a:active {color: red}
```

d. Specify a class selector rule that attempts to use a font named Cracked. If that font is unavailable, then the rule attempts to use a font named Comic Sans MS. Your rule should handle the possibility that neither font is available.