
ASSIGNMENT 3HL

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|----------------|-----------------------------------|
| Type: | In-Class or Take-home Assignment |
| Scope: | XHTML, CSS and Javascript |
| Due: | April 26, 2008 (Week 4) at 6:05pm |
| Points: | 30 + 15 extra credit |

For this assignment, create an interactive testing system for CSS-based styling using both CSS and Javascript. Create a web page that has two columns as shown in the image below. The left side contains styling and input elements while the right side is a display. The initial display (no styling selected) should be the browser defaults. Display changes should be triggered by a form button.

The style elements that should be included are:

- **body**
 - background-color
- **paragraph** (text bodies)
 - font-family
 - font-size
 - font-weight
 - margin
 - text-decoration
 - text color
 - word-spacing

I leave it to your discretion to pick size levels and color depths. Color minimum is the 16 base colors and maximum is the 216 “web-safe” colors. Note that if the text typed into the input area has a break, it should be reflected in the display and if a double break, it should reflect a new paragraph enclosure (<p>).

Extra credit of up to 3 points can be earned by making the updates occur immediately on change of the selection but it must work for all of the style elements.

Extra credit of up to 7 points can be earned by also generating the stylesheet ruleset in a textbox below the display output.

Extra credit of up to 5 points can be earned by making it so that any valid URL (begins with http, https or ftp) or email address becomes a link. To earn these points, you must also add an element rule for the anchor that includes at least text color and text-decoration and has pseudo-class states for hover and visited.

Your completed assignment should be all files zipped into a single file labeled *LastName-IMD213-Assignment3HL.zip* and dropped into my inbox at TEACHER DATA\MROSA\INBOX.



CSS Tester

Content Body

This is some text that the user enters.
Note that there should be a single space
break after this.
Then there should be a double break
paragraph enclosure after this

This is the end of my input.

Page Body Background Color:

[some kind of visual or textual selector here]

Font:

[some kind of selector here]

Font Size:

[some kind of selector here]

Font Weight:

[some kind of selector here]

Margin:

[some kind of selector here]

Text Decoration:

[some kind of selector here]

Text Color:

[some kind of visual or textual selector here]

Word Spacing:

[some kind of selector here]

Your Output

This is some text that the user enters. Note that there should be a single space break after this. Then there should be a double break paragraph enclosure after this

This is the end of my input.

Your Stylesheet

```
body {
  background-color: #F2FFF0;
}
p {
  font-family: Georgia;
  color: Red;
  /* and so on */
}
a {
  /* optional extra credit portion */
}
a:hover {
  /* optional extra credit portion */
}
a:visited {
  /* optional extra credit portion */
}
```