

Web Workshop: First Session

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Basic Terms

- HTML: HyperText Markup Language: Displays content. Not case sensitive.
- CSS: Cascading Style Sheets: Formats the Content
- JavaScript: Programming language $\neq$ Java, but some similarities to Java that is used to create dynamic content. Runs Client Side. Interpreted by Browser. Case-sensitive: $x \neq X$, $caT \neq cat$.
- Server Side: Server software (e.g. Apache), CGI = Common Gateway Interface scripting. Perl = Practical Extraction and Reporting Language; PhP = PersonalHomePage Hyptertext Preprocessor. For more: see Birnbaum & Reips (2005), Reips & Birnbaum (2011), Göritz & Birnbaum (2005), W3 Schools.

Goals for First Session

- Students sign up for free Web site at neocities.org.
- Assign Basic HTML tutorial at Neocities.
- Basic HTML: Bare bones Web page. Basic HTML tags.
- Concept of forms. Radio buttons, text box, and hidden input types. Submit button.
- Introduction to CSS
- FactorWiz: Heider Study (also do liking (adjectives) and logic test)
- Intro to data cleaning, organization, & analysis with Excel.
- * Additive and Multiplicative models' predictions; graphing data.
- * Fit Multiplicative Model with Excel's Solver. [Install Solver (Add-ins)]
- * Analyze class data to test additive (or constant-weight averaging) model.

HTML: Bare Bones Web Page

```
<html>
```

```
<head>
```

```
<title>
```

```
My title goes here
```

```
</title>
```

```
</head>
```

```
<body>
```

```
The body of the Web page goes here
```

```
</body>
```

```
</html>
```

Save Bare Bones Page

- Short file name, no spaces, attend to capitalization: e.g., bare_bone.htm (use underscore instead of space for easy read)
- Open in browser. Edit in text editor. Save and Reload in browser to see editing changes.
- Upload to your Website. View and edit in the Neocities site. Note the editor will highlight the tags and will show errors.
- Dedicated HTML editing software.