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 ≠ Java, but some similarities to Java that is used to create dynamic content. Runs Client Side. Interpreted by Browser. Case-sensitive: x ≠ X, caT ≠ cat.

- Server Side: Server software, CGI = Common Gateway Interface scripting. Perl = Practical Extraction and Reporting Language; PhP = Personal Home Page, Hyptertext Preprocessor.   For more on this material, see Birnbaum and Reips (2005), Reips and Birnbaum (2011), Göritz and Birnbaum (2005).

Goals for first session of Workshop

- 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 assign adjectives liking 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.