CS101: HW 7

Due: November 28, 2018

Submission Instructions: Type your answers to the following questions in a .doc or .txt file and submit on Canvas. **You will also create a webpage, and you should share the link with us**.

Client and Frontend Exercises

1. Give one JavaScript effect on our website (that was not mentioned in class).

2. Describe how you could make the slides in our most recent lecture display with red instead of blue on your computer only.

3. Describe how JavaScript, HTML, and CSS work together to display content.

4. You will also create your own webpage by creating two files: index.html and style.css. You should use at least five different kinds of HTML tags (excluding those in the template) and define at least seven style rules in the CSS file. You can use my index.html page as a template: `http://web.stanford.edu/~ataylor4/index.html`. You can download the page directly by choosing to save the page - you should do the same for `http://web.stanford.edu/~ataylor4/style.css`. You should make sure you're editing the files as plain text on your computer - you can't make the text bold or change the font, only using HTML tags and CSS to affect the styling.
Please add your file to AFS under the WWW directory (see slides for directions); you should be able to view your website at the url http://web.stanford.edu/∼SUNET, where SUNET is your sunet. The website content can be anything you like, though it should make sense and be informative. Include the link with your homework, but you don't need to include the .html or .css files.

Questions from Thursday's Lecture Below

Human-Computer Interaction

5. Describe an example of technology that you think has good (intuitive) design. What makes that technology's design so effective?

6. Describe a technology (that we did not discuss in class) that has a bad design. What makes that design bad? Name at least two improvements you would make.

7. Describe a dark pattern you've encountered (that we haven't talked about in class).

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8. Choose a website or application that you use frequently. Name two design choices that make you keep frequenting that site or app.

9. Install/implement a method we talked about in class or that you found online to reduce screen time. Take a picture of your chosen method (screenshot or picture of your phone).