

UNIVERSITY of GUAM

Computer Science Department

Assignment 3: Application of XHTML Tables and CSS

Objective:

You will gain experience with XHTML tables, and cascaded style sheets that will be used for your personal web. Tables will be used to position text and images on a web page and for organizing information. CSS will be used to define the appearance of elements on a webpage and positioning of elements on a webpage. A topic page will be created and all web site files will be uploaded correctly to a web server.

Requirements:

Part A: Topic Webpage

A third web page the topic page must be created on your website. The topic should be about some personal interest related to computers. Confirm your topic selection this week with your instructor.

Part B: Layout using Tables

XHTML tables are a good way to organize information in a tabular format. You can also use tables to provide 2-dimensional positioning of images, text, and provide margins. When designing tables it is best to set the border of the table to 1 pixel during layout and then change the border attribute to zero to make the borders disappear and retain the desired layout positions.

Examine your XHTML documents from Project 1. Utilize at least two tables on your web site to tabulate information or do 2D webpage layout.

Part C: Cascaded Style Sheets

Cascaded Style Sheets are used to provide presentational format control for text and image objects contained in an XHTML document. Inline styles affect single elements only. Embedded cascaded style sheets are located in the head of the XHTML document and will affect all specified elements in this document. A developer can use the same cascaded style sheet in multiple documents by utilizing an external CSS file. For this project you must apply inline, embedded, and external CSS to your web site. It is recommended to use: inline specifications on your home page, embedded style sheet on your resume, and an external style sheet for your topic pages.

Part D: Web Server Upload

All files for the three pages need to be uploaded to a web server such as Geocities. Verify you have used relative paths for hyperlinks and images. Verify all links work before turning in your project. All web pages must be valid XHTML and CSS code. Make sure all deprecated HTML elements are removed from all web pages.

Due Date and Grading:

Project 2 is due Monday, March 7, at the beginning of class. Turn in a cover page that includes your name, project name, and URL. Print out the XHTML and CSS code for all files including one external CSS file. Write a conclusion section that summarizes your application of XHTML tables and CSS in your project.

Web sites will be evaluated based upon on your mastery of XHTML code and CSS. Use of JavaScript or Java applets will have no effect on your grade for this project. Late projects will be reduced 20% of the total point value for each class period late. Grading will be 80% objective and 20% subjective (neatness, clarity, conciseness, and relative effort). A project that correctly meets all specifications in a minimal way will receive a score of 80% of the total points.