

ITC 250/CPET 499 Web Systems
Fall 2012

Homework Assignment #6

Assigned Date: October 12, 2012

Due Date: Oct. 18, 2012 before 3:00 PM (as email attachments)

PART I: JavaScript Exercises and on Script Documentation (Individual assignment)

Go to examples given in the following web links for JavaScript programs, study the related info of each web page, experiment (run) each script, download a copy of each script program (HTML page), re-engineer the Javascript code if needed.

- For example – thisBulb = 0; appears in Example 9-2
(http://www.etcs.ipfw.edu/~lin/Presentation/JavaScript/09_JsArrays.html) will be upgraded by adding a “var” in front of the variable declaration
var thisBulb = 0;
- Additional documentation at the beginning of each HTML page which explains how this HTML web page is to be executed by a Web browser

For the following examples that appear on Developing Advanced Web Applications Using JavaScript, by Prof. Paul Lin, should be reengineered based on the guidelines given above:

- [Example 5-1](#): Create a new window for displaying an animated airplane.gif graphics
(http://www.etcs.ipfw.edu/~lin/Presentation/JavaScript/05_JsDocsWindows.html)
- [Example 6-5](#): An example shows how to tie together the button and events: onload, onclick, and onmouseover.
(http://www.etcs.ipfw.edu/~lin/Presentation/JavaScript/06_JsFormsEvents.html)
- [Example 7-3](#): This JavaScript program displays clock, system time and date, and universal time and date.
(http://www.etcs.ipfw.edu/~lin/Presentation/JavaScript/07_JsDateTimeObjs.html)
- [Example 8-1](#): Testing a cookie without a CGI program.
(http://www.etcs.ipfw.edu/~lin/Presentation/JavaScript/08_JsCookies.html)
- [Example 9-2](#): This JavaScript program use an image array to store graphics file for use in displaying the light bulb On-Off control.
(http://www.etcs.ipfw.edu/~lin/Presentation/JavaScript/09_JsArrays.html)

Prepare your hw6 report save it as **hw6-websys.docx**.

Hand In Requirement

- Email all homework 6 report files in Microsoft word format, plus all html pages to Prof. Lin at lin@ipfw.edu .

Team-Based, due 10/25

PART II; Read Chapter 17.6 Apache, MySQL, and PHP Installation

- Prepare your XAMPP Installation for your team's Web server (on your own PC/notebook)
- Experimenting/testing both the previously installed Microsoft IIS server on your own computer and the Apache web server

Prepare the team's web server selection report (in the Lab report format)

Hand In Requirement

- Email the team's Web server selection report in Microsoft word format to Prof. Lin at lin@ipfw.edu . before 3 PM, Oct. 25.