**Week 4, Syntax Basics. Dates.  Arrays.  Functions. –**

Things to do this week:

* Reading Quiz 4 - Chapters 10, 11 and 13.
  + Read the lecture notes - Syntax Basics 2.
  + Read chapters 10, 11 and 12 in the text.
  + Complete Reading Quiz 4.
* [Lab 4](https://classes.lanecc.edu/mod/assign/view.php?id=1304766)
  + Download and unzip the starting files - Syntax Basics 2.
  + Read the description of [Lab 4](https://classes.lanecc.edu/mod/assign/view.php?id=1304766).
  + Solve each of the problems as described in the lab.
  + Participate in the forum - Lab 4 Questions as necessary.
  + Submit [lab 4](https://classes.lanecc.edu/mod/assign/view.php?id=1304766).

**Lab 4 Instructions –**

The objective of this lab is to continue to introduce you to the syntax of the PHP language as well as to familiarize you with the kinds of processing that typically happen in a server side application.  Specifically, this lab allows you to practice working with dates, arrays and programmer defined functions.  This information is provided in chapters 10, 11 (up to the discussion of the Task Manager Application), and 9 (up to the discussion of advanced skills) of your text.

Completing all problems will earn a maximum of 20 points.

1. Convert the calendar web page that you created in the JavaScript class to a page on which the calendar is created with server side code in php.  The starting files include a solution to the problem written in JavaScript.
2. Add a loan amortization schedule to the "1 page version" of the Mortgage Calculator application you wrote in [Lab 2](https://classes.lanecc.edu/mod/assign/view.php?id=1304742).  The starting files for this lab include a solution to the problem from [lab 2](https://classes.lanecc.edu/mod/assign/view.php?id=1304742).  You may use your own solution or the starting files provided.

In class section students should:

* Post your solution to citstudent.lanecc.edu.
* Post a copy of your php files with the file extension changed to txt (rather than php).  This will allow me to look at your source code on the server.
* Submit a link to your index page in moodle.