CIS 180 L - Intro to PHP - Fall 2006
Homework Assignment #2

Due: TUESDAY, November 7th, beginning of class

Purpose: To practice some of the PHP basics discussed in lecture, such as variables, some control structures, functions, and arrays.

Note: as long as you meet the specifications below, you may add additional embellishments as you wish.

How to turn this in: See instructions in #4 below - you will e-mail me the URL's for your completed pages.

1. Consider: it turns out that PHP has a built-in function **getdate()**. It returns information about the current date and time in the form of an array. That is,

    ```
    $dateArray = getdate();
    ```

    ...makes $dateArray an array containing date information.

    Now, you can read about this function and the array it returns in the on-line PHP manual (see http://us3.php.net/quickref.php and follow the getdate link). You can also print the resulting array's keys and values using a **foreach** loop (as is done in the in-class example **array1.php**).

    Create a page **showdate.php** on redwood in your public_html directory; add PHP to this page to get an array for the current date and time using **getdate()**, and use a **foreach** loop to print each key and value in the resulting array to your web page, one key-value pair per line.

2. Now, you'll see above that the "weekday" key in the array returned by **getdate()** contains the day of the week as a string ("Monday", "Tuesday", etc,), while the "wday" key contains an integer based on the day of the week (0 for Sunday, 1 for Monday, etc.)

    Create a page **daymessage.php** on redwood in your public_html directory. Making use of either the **"weekday"** key or the **"wday"** key in the date array for the current date, add PHP to this page that uses an **if/elseif/else** statement to print one message of your choice if the current day is Monday, Tuesday, or Wednesday, a different message if the current day is Thursday or Friday, and another message still if the current day is Saturday or Sunday.

3. Now, for some function and loop practice.

    Create a page **secondstars.php** on redwood in your public_html directory. Add PHP to this page defining a function **secondstars** that takes no arguments, but determines the current seconds of the current date and time, and then prints an asterisk for each second of the current time.

    (for example, if the current time is 8:03:03, calling **secondstars()** would cause ******* to be printed. And, if the current time is 12:47:10, calling **secondstars()** would cause ************** to be printed.)

    Now add PHP calling **secondstars** once, then printing a message of your choice on its own line beneath the results of calling **secondstars,**, and then calling **secondstars** again (so your message has stars above and below it --- but a different number, depending on the current number of seconds in the date and time when the page is loaded.)

4. When your pages are ready, send me an e-mail to **sharon.tuttle@humboldt.edu** before the deadline with **CIS 180 PHP HW 2** in the Subject: line containing the URL's for your **showdate.php**, **daymessage.php,** and **secondstars.php** pages.