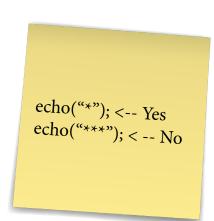# PHP For Beginners

Lab Exercise 5

1. Insure that your MAMP or WAMP server stack is downloaded, installed and running. You can download WAMP server for Windows at www.wampserver.com/en/. You can download MAMP server for Mac at www.mamp.info.

2. Set up an HTML document and embed an opening and closing PHP tag in the <body> section of the document. Save that document in your www folder (Windows) or htdocs folder (Macintosh) as described in the video lecture.

3. Create the following output using loops. You may only echo one asterisk per echo or print statement.

```
*
**
***
****
*****
******
*******
********
*********
**********
***********
************
```

echo("*"); <-- Yes
echo("***"); < -- No

4. Create a new .html page called "form.html" and on it place three text boxes labeled Principal, Interest Rate and Term. Make sure your page is saved on the server. Insure that you use name attributes so the information is retrievable through the $_REQUEST superglobal array. Make your form tag's action attribute point to a page called displayInterest.php. We'll use that page to display results based on the data the user enters on the form.html page.

5. Create a new page called "displayInterest.php". On this page, access the $_REQUEST supergloabal array to set the principal, interest rate and term values to local variables.

6. Using a loop output the month-to-month interest that the user earns based on the principal and interest rate. The following formulas should help you complete the task:\

Monthly Interest Rate = $interestRate/12

Monthly Interest = $principal / $monthlyInterestRate

Monthly Balance = $principal + $monthlyInterest

For each month of the investment you should display the month (by number-- ie first month is month 1, second month is month 2, etc.), the interest earned that month, and the new principal balance.

7. Please put the information output by your loop in a readable HTML table.