

# PHP For Beginners

## Lab Exercise 10

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/](http://www.wampserver.com/en/). You can download MAMP server for Mac at [www.mamp.info](http://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 a short-form in which the user enters a User Name. Store the User Name in a session variable.
4. Create a second page, which reads the User Name from the session variable. Output a greeting to the user.
5. After outputting the greeting, destroy the session and store the User Name in a cookie called "username". Make the cookie expire in 30 minutes.
6. Create a new page and retrieve the cookie. Display the current date at the top of the page using the Date() command.
7. Place the string "You have reached the end of PHP for Beginners." in a variable called \$message.
8. Output the number of characters in the string.
9. Using a string method (command) and whatever code is necessary replace all of the vowels with an X and output the string again.
10. Using a string method, convert the string in to an array and output each element of the array using a loop. (Don't use print\_r).



**Labs  
Completed!**

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