

## TLEN5839 Secure Web Programming

### Homework 2: Intro to PHP Continued.

#### Deliverables

Create a file called hw2.php.

Homework should be submitted to D2L before 3:30 on 1/26.

The web page should be accessible from any user logged in to the VPN.

#### System Config

Create a local user, be sure the user is in the wheel group. Delete the student account.

Remove firewalld and add iptables. Verify iptables starts on boot.

#### Program Requirements

Your program should do the following:

0. Include a comment in the beginning of the file including your name and filename. The title of the page should be "TLEN5839 HW2: Your Name".
1. Create an option list to chose to display one of the 4 files in /var/www/html/hw2 or the days of the week.
2. Make sure the post variable for the file to display is a digit, your values for the variable should be 0-4. i.e. if your variable is \$i, then check if \$i is a digit. If not a digit print an error.
3. Use a switch statement to handle the post variable. That is to say do not use a if/then/else for the selected option, use a switch.
3. Create an array of the days of the week. When days of week are selected. Loop through the array displaying the following:  
Day 2 of the week is Monday.  
Day 3 of the week is Tuesday.  
...
4. Create a function to display the contents of a file.
  - If there are more than 100 lines, only display the first 100.
  - If the first character of the line is a comment "#" then do not display the line.

Extra Credit

Add an option to print a listing of the /etc directory. Print the results in a table indicating what type of file each is (directory, sym link, executable)

In item 4 above create a function to alternate background color for each line printed.