

Lab 4

Due: 11:00pm on October 19, 2014

20 points

This lab will focus on making forms and dealing with the submissions using a php script. Be sure to follow the directions below. In order to find your file on the server, make sure you specify the URL to access your files in your d2l submission as a comment. It should be stored at <http://webdev.cs.uwosh.edu/userID/Labs/lab4.html> and `lab4.php`. A link from the comments in your d2l submission makes your page much easier to find.

1. Create a file called *lab4.html*. Create a form for the user to fill out. The form should contain the following:
 - (a) A textbox for the user to enter his or her name. You can assume the user will always type in two words (first name, last name) for the name.
 - (b) A textarea for the user to enter some text.
 - (c) Three checkboxes allowing the user to choose favorite colors. Color choices are up to you.
 - (d) Four radio buttons to choose a font size. Font size choices are up to you.
 - (e) A drop-down menu to choose a favorite class. Class options are up to you but there need to be at least 3.
2. Make sure the label connected to a checkbox/radio button is “clickable” meaning clicking on the label will cause the appropriate element to be checked.
3. The radio buttons should have a default selection. You can choose which one is selected by default.
4. Your form should use the POST request.
5. Your form’s action should go to `lab4.php`.

6. Create a file called *lab4.php* that handles the form submission. The following needs to be done in this file:
- (a) If the user chooses no colors from the textbox, simply display an error message and provide a link back to the form. Do not print anything else out. Do not worry about filling in the user's old responses as we have not talked about how to do this yet.
 - (b) If the user chooses 1 color, display his or her name in that color.
 - (c) If the user chooses 2 color, display his or her first name in one color and last name in the other color.
 - (d) If the user chooses 3 colors, display the name as a rainbow of colors. For instance, if John Doe chooses red, green and blue, the following should print out: **John Doe**. Do not skip a color between the first and last name.
 - (e) Underneath the name, print out the number of vowels in the string the user entered in the textarea.
 - (f) Underneath the previous number, print out the person's favorite class in the font size specified by the radio buttons.