

Source Files: ~/public\_html/lab02.php

Value: 1

Complete Exercise 1-1 on pp. 68–69.

- Complete step 1.
- Insert an HTML comment at the top of the new document identifying you as the author, the class, and the assignment number. See the sample code for Lab 01.
- Complete steps 2 and 3. In step 2, when you are inserting the `<!DOCTYPE>` and `<html>` elements, do **not** use the versions as shown in the textbook on p. 5; they no longer pass the validator. Instead, use the versions that the instructor used in the sample code for Lab 01.
- Add an echo statement to the beginning of the script section that will display your name, the course number, and the assignment number.
- Complete step 4.
- In step 5 you are asked to create an array called `$RatesArray`. Arrays are discussed on pp. 33–40. This step also directs you to display the contents of the array. Consider using

```
print_r($RatesArray)
```

to display the contents of `$RatesArray` (see pp. 38–39). Use the technique of placing the `print_r` function call inside of `<pre>` tags as shown near the top of p. 39.

- Since this assignment uses several PHP code blocks, it's always a good idea to check for syntax errors. You can do this by using the `-l` option to the `php` command at the command line as in

```
1 newuser@csunix ~/public_html> php -l lab02.php
2 No syntax errors detected in lab02.php
```

- In step 6 you are asked to save the document as `InterestArray.php`. You may save the file with a filename of your choosing, but it does need to have a filetype of `php`. The instructor's suggested filename is shown above. The sixth step also asks you to validate your code. The validator is discussed near the top of p. 6 and in Appendix A on pp. 629–631. By including the following link and image, a user will be able to click the image and receive a report from the validator.

```
1 <?php
2 $location = 'https://' . $_SERVER['HTTP_HOST'] . $_SERVER['REQUEST_URI'];
3 $location = urlencode($location);
4 echo '<a href="https://validator.w3.org/nu/?doc=' . $location . '">';
5 ?>
6 
8 </a>
```

After the document is valid, open it in your Web browser to see how it renders. You can see how the instructor's version of this assignment renders at

<https://www.cs.angelo.edu/~mmotl/4312/labs/02/>

Upon completion of this assignment, submit your source file via Blackboard.