**PHP Day 2 of Practice**

0. Coda needs a little more help when accessing other files. To me, it is easiest to use a web browser and fo to localhost. Then I can see the file structure on the server.

1. Open and edit arrays.php.

a. Remove the comments on print $characters in line 3. Test the code. (Errors!)

b. Now test print\_r($characters); (This is how we print an array, an object)

c. Test print $characters[1]; (Why does this work? Consider 1st error)

d. After adding two values to the array, print it. How were they added?

e. Print $descriptions. Notice that we can use non-numeric indices, called keys. (This is a map in Java and a dictionary in Python)

f. Print after adding a value and its key to $descriptions. How did the addition take place?

g. Print "Earth is described as {$descriptions['Earth']}". Notice how to access an array element using a key and the role of the curly brace.

2. Open arrayremove.php. Test the code. Observe the difference between splice and unset.

3. Open and test conditions.php. Notice that in this example, the ‘ and “ are the same and that print and echo are the same.

4. Open and test for\_loop.php. Uncomment the continue statement. What happens?

5. Compare how foreach\_key-value.php and foreach.php work. Notice how the key values are used.

6. Open and test switch.php. How can this be used?

7. Open and test ternary.php. What is going on?

8. Open and test dowhile.php and while.php. Do these differ from Java?

9. Open and test afunction.php. Can you write a function which converts miles to feet?

10. Open and test passbyreference.php. How does PHP pass parameters unless told to do otherwise?