

CS1520
10/5/2012
Recitation 4
Variables, Arrays in PHP

Begin: Login to unixs.cis.pitt.edu and navigate to the public directory. Once there, enter the following commands into the terminal to set up the folder:

```
mkdir csweb
cd csweb
fs setacl -dir . -acl system:anyuser none
fs setacl -dir . -acl labrinid rl
fs setacl -dir . -acl cmt69 rl
fs setacl -dir . -acl csweb rliwdk
```

Variables: Instantiate 4 variables. Begin by assigning them variables. Print the sum, product, and difference of the 4 variables. Then convert the variables into strings and print a nice story!

Array: Construct an array consisting of 5 of your favorite bands. Then, incorporate this array into a larger array of your favorite media. Use the length of the new array to print each element in the array. Then, print only the first, third, and last element.

To this array, add elements to the beginning and end. Then, remove them from the beginning and end. Finally, sort the array both forward and backward.

“Hashes:” (Array) Construct a hash that maps several Cities to their shortened names, i.e. Pittsburgh to PIT. Sort and print the hash, and then reverse sort and print the hash.