Homework #1 (due 02/07)

Purpose: Verify you have access to a working environment

As part of our studies, we will be writing PHP, HTML, and SQL code in a web-based client-server environment. Establishing and becoming familiar with that environment early in the semester will enable you focus on meeting the technical objectives of upcoming assignments and the project rather than the logistics of implementing those objectives.

In this assignment, you are to demonstrate having access to and familiarity with your environment by performing the task listed below and submitting the output described through TITANium by the due date.

Task 1: Is PHP Support Working?
Create a file named test.php with just the following code:

```php
<?php
  print "Name:  your name here<br/>".
        "CWID:  your ID here<br/>".
        date('H:i, jS F Y')."<br/?";
  phpinfo();
?>
```

Place this file in your documents folder on your server, typically in `$_SERVER['DOCUMENT_ROOT']`. On some systems, this is `/usr/local/apache/htdocs`, or `/srv/www/htdocs`. You need to locate this directory on your system, and verify you have write permissions. If you are sharing a system with other students and don't have write permission, you will need to establish a folder on the server you can write to and use that as your document root.

Once the file is in place, verify that you can execute the test.php script and display the results in a web browser running on your client. (your client and server may be the same machine) by aiming your browser at test.php with a URL similar to:

```
http://<server_name or ip address>/test.php
```

Submit a .pdf file (preferred) or screenshot of your result. Most browsers support either a "save as PDF" option to allow you to print the page to a printer that creates PDF files. But if that doesn't work for you, take a screen shot.

See Appendix A, Is PHP Support Working (page 610) for more information.

Example PDF file output:

phpinfor_example_
output.pdf

Double click to open

Example screenshot output:

Name: Tom Bettens
CWID: 12345678
20:27, 31st January 2018

PHP Version 7.2.1

System	Linux Bettens-VM2 4.14.15-1-default #1 SMP PREEMPT Thu Jan 25 13:26:16 UTC 2018 (5b3d0ce) x86_64
Server API	Apache 2.0 Handler
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php7/apache2
Loaded Configuration File	/etc/php7/apache2/php.ini
Scan this dir for additional .ini files	/etc/php7/conf.d
Additional .ini files parsed	/etc/php7/conf.d/ctype.ini, /etc/php7/conf.d/dom.ini, /etc/php7/conf.d/iconv.ini, /etc/php7/conf.d/json.ini, /etc/php7/conf.d/mysqli.ini, /etc/php7/conf.d/pdo.ini, /etc/php7/conf.d/pdo_mysql.ini, /etc/php7/conf.d/pdo_sqlite.ini, /etc/php7/conf.d/sqlite3.ini, /etc/php7/conf.d/tokenizer.ini, /etc/php7/conf.d/xmlreader.ini, /etc/php7/conf.d/xmlwriter.ini
PHP API	20170718
PHP Extension	20170718
Zend Extension	320170718
Zend Extension Build	API320170718,NTS
PHP Extension Build	API20170718,NTS
Debug Build	no
Thread Safety	disabled
Zend Signal Handling	enabled
Zend Memory Manager	enabled
Zend Multibyte Support	disabled
IPv6 Support	enabled
DTrace Support	disabled
Registered PHP Streams	php, file, glob, data, http, ftp
Registered Stream Socket Transports	tcp, udp, unix, udg
Registered Stream Filters	string.rot13, string.toupper, string.tolower, string.strip_tags, convert.*, consumed, dechunk, convert.iconv.*

This program makes use of the Zend Scripting Language Engine:
Zend Engine v3.2.0, Copyright (c) 1998-2017 Zend Technologies

Configuration

apache2handler

Apache Version	Apache
Apache API Version	20120211
Server Administrator	[no address given]