

CIS2360 PRACTICAL

Week 14

Questions

In order to do this week's practical, you will need to use:

- a text editor to place PHP code within a file whose name ends in *php* or *phtml*
- *sftp* to securely transfer the file¹ to within the directory `web` under your student account on `helios.hud.ac.uk`
- *firefox* to view your PHP web page and the online PHP manual at:

<http://www.php.net/manual/en/>

Note: these questions assume that you are using the *Ubuntu* OS.

1. Using your favorite text editor, implement the Bronze age PHP example from the week 13 lectures. Your code should be stored in a PHP file named *show_greetings.phtml*. Ensure that your answer:
 - replaces the MySQL code with PDO and prepared statement code
 - that a *foreach* statement is used as the loop
 - database connection credentials should be pulled from an includes file that is stored in `/spare/pwds` on `helios`.
2. Expand on the code you have in question 1 so that a HTML form is used to add in new greetings strings to your database. In order to do this, you will need to create the following extra PHP files:
 - *add_greeting.phtml* presents the user with a HTML form that allows them to define a new greeting string
 - *add_greeting.php* to handle POST requests and add the new greeting string to the database

¹ **Note:** generate a public/private key pair if you want to be able to SSH or SFTP without entering a password! Have a look at the following URL to learn more:

<http://en.wikipedia.org/wiki/Ssh-keygen>