

Lab 11 – Error Handling and Debugging

Reference: Appendix E of the “PHP Programming with MySQL” textbook.

PHP Error Handling and Logging <http://php.net/manual/en/book.errorfunc.php>

Aims:

- To be able to understand error handling and debugging by examining and correcting PHP scripts that contain errors.

Getting Started:

Create a new folder ‘**lab11**’ under the unit folder on the mercury server `~/cos30020/www/htdocs`.
Save today’s work in this lab11 folder.

Check that all the web pages are validated.
Check that any stylesheets are valid CSS3.

Task 1 - Debugging PHP Scripts (not mark)

The ‘cases’ directory contains copies of the PHP scripts that need to be debugged. Please see Canvas for the zipped directory.

Use any of the debugging skills you have learned to correct the errors.

The PHP scripts you should debug are:

- `c01_SingleFamilyHome.php`
- `c02_ExplorersQuiz.html` and `c02_ScoreQuiz.php`.
- `c02_LeapYear.html` and `c02_LeapYear.php`
- `c03_PassengerTrain.php`
- `c05_WinningNumbers.php`
- `c07_GuestBook.html` and `c07_SignGuestBook.php` and `c07_ShowGuestBook.php`
- `c08_LastVisit.php`

Important Note:

- *You may also need to change the file directories within these scripts to enable them to work.*