

MA Web Design & Content Planning

Website Planning

Week 7: Databases (MySQL)

Using PHP to make dynamic changes (code examples)

What is a database

What is MySQL

How to work with MySQL

PHP and MySQL working together

Security

References

PHP Solutions: Dynamic Web Design Made Easy by David Powers by David Powers

PHP and MySQL for the World Wide Web by Larry Ullman

Week 7 Homework

Read: Chapters 11, 13 and 14 of PHP Solutions: Dynamic Web Design Made Easy

Have a play with databases on the watest.co.uk site.

Experiment creating pages with dynamic or content and style – here's an example of some code that changes the page background colour:

```
<?php

$random = rand(1, 5);

switch ($random) {
    case "1":
        $colour = "#B1E3D2";
        break;
    case "2":
        $colour = "#C2A9D9";
        break;
    case "3":
        $colour = "#D1B3A3";
        break;
    case "4":
        $colour = "#BFCC9F";
        break;
    case "5":
        $colour = "#CCCCCC";
        break;
}

echo "body {background-color: $colour}";

?>
```

Simply place this within your markup where you want the content in *file.php* to appear.

Seminars delivered this week

Content Management Systems (CMS) – Matthew (22nd April)

The Mobile Web – Latoyah (22nd April)

User Generated Content (UGC) – Tahmina (22nd April)