

PHP with SQL 2

Code Listings

Exercise One

Type in the file overleaf, called **products.php** which displays the contents of the CD table, created in last weeks exercise, on a web page.

Exercise Two

We want to display some images in the HTML table as well.

Using PHPMysqlAdmin, Add an extra field to the database table, called 'imagename' and make it a VARCHAR.

Download some small CD cover images from somewhere like Amazon. Save them in the server document root folder, with sensible names, like 'pic01.jpg', 'pic02.jpg' etc.

Enter the filenames into the database table.

Modify 'products.php' so that it displays an extra column in the HTML table, and inside that column, use PHP to output the appropriate HTML tag to display an image. For example:

```
<img src='pic01.jpg'></img>
```

products.php

```
<?php                                     // Using MySQLi OO
$host = "localhost";
$user = "root";
$password = "password";
$database = "assign01";

$connect = new mysqli($host, $user, $password, $database );

if ($connect->connect_errno)
{
    echo "Failed to connect to MySQL: " . $connect->connect_error;
}

$query = "SELECT cdnum, cdname, artist FROM cdttable";
$results = $connect->query($query);

$numrow = $results->num_rows;
?>

<html>
<head></head>
<body>
<table border="1">

<?php
$count = 0;
while ($count < $numrow)
{
    $row = $results->fetch_assoc();

    echo "<tr>";

    echo "<td>";
    echo $row['cdnum'];
    echo "</td>";

    echo "<td>";
    echo $row['cdname'];
    echo "</td>";

    echo "<td>";
    echo $row['artist'];
    echo "</td>";

    echo "</tr>";

    $count = $count + 1;
}
?>

</table>
<br />
The number of records found was: <?php echo $numrow; ?>
</body>
</html>
```