

PHP and MySQL 3 (with images)

Exercises

This exercise is going to make use of the cd table that we set up last week. Here is the SQL with the added field to hold the image name.

CreateCDTable.sql

```
CREATE TABLE cdtable
(
  cdnum          VARCHAR(4),
  cdname         VARCHAR(30),
  artist         VARCHAR(30),
  imagename      VARCHAR(13),
  PRIMARY KEY (cdnum)
);

INSERT INTO cdtable VALUES ('0001', 'The Wall', 'Pink Floyd', 'pic01.jpg');
INSERT INTO cdtable VALUES ('0002', 'Tago Mago', 'Can', 'pic02.jpg');
INSERT INTO cdtable VALUES ('0003', 'Till Deaf Us Do Part', 'Slade', 'pic03.jpg');
INSERT INTO cdtable VALUES ('0004', 'In Absentia', 'Porcupine Tree', 'pic04.jpg');
INSERT INTO cdtable VALUES ('0005', 'Space Ritual', 'Hawkwind', 'pic05.jpg');
```

This exercise assumes that you already have the following files:

addcd.html
addcdtodb.php
jobdone.html
products.php

Modify them so that they appear as follows:

dbconn.php **(new file)**

```
<?php
$host = "localhost";
$user = "root";
$password = "";
$database = "assign01";

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

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

addcdtodb.php

```
<?php
require "dbconn.php";

// Copy the variables from the URL into these 3 variables

$dno = $_GET['disknum'];
$dnam = $_GET['diskname'];
$dart = $_GET['diskartist'];

// set up the query using the values that were passed via the URL from the form
$query = "INSERT INTO cdtable VALUES ('".$dno."', '".$dnam."', '".$dart."', 'dummy')";

$results = $connect->query($query);

header( 'Location:jobdone.html' );
?>
```

jobdone.html

```
<html>
  <head></head>
  <body>
    Your CD has been added to the database
    <br /><br />
    Click <a href="addcd.html">here</a> if you want to add another cd
    Click <a href="products.php">here</a> if you want to see the list
  </body>
</html>
```

addcd.html

no change

```
<html>
  <head></head>
  <body>
    <form name="inputcd" action="addcdtodb.php" method="get">
      CD Number: <input type="text" name="disknum"></input>
      <br />
      CD Name: <input type="text" name="diskname"></input>
      <br />
      CD Artist: <input type="text" name="diskartist"></input>
      <br />
      <input type="submit" value="Add CD"></input>
    </form>
  </body>
</html>
```

products.php

```
<?php
require "dbconn.php";

$query = "SELECT cdnum, cdname, artist, imagename
        FROM cdttable";

$results = $connect->query($query);

$numrow = $results->num_rows;
?>

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

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

    echo "<tr>";

    echo "<td>";
    echo "<a href='updatecdform.php?diskno=".$cdnum."'>".$cdnum."</a>";
    echo "</td>";

    echo "<td>";
    echo $cdname;
    echo "</td>";

    echo "<td>";
    echo $artist;
    echo "</td>";

    echo "<td>";
    echo "<img src='";
    echo $imagename;
    echo "'></img>";
    echo "</td>";

    echo "<td>";
    echo "<a href='deletecd.php?diskno=".$cdnum."'>Delete</a>";
    echo "</td>";

    echo "</tr>";

    $count = $count + 1;
}
?>

</table>
<br />
The number of records found was: <?php echo $numrow; ?>
<br /><br />
Click <a href="addcd.html">here</a> if you want to add another cd
</body>
</html>
```

deletecd.php**(new file)**

```
<?php
require "dbconn.php";

$dno = $_GET['diskno'];

$query = "DELETE FROM cdtable WHERE cdnum = ".$dno;

$results = $connect->query($query);

header("Location: products.php");
?>
```

updatecdform.php**(new file)**

```
<?php
require "dbconn.php";

$dno = $_GET['diskno'];

$query = "SELECT cdnum, cdname, artist FROM cdtable WHERE cdnum = ".$dno;

$results = $connect->query($query);

// Check number of rows returned

if ( $results->num_rows != 1 )
    die("Database did not return one result");
else
{
    $row = $results->fetch_assoc();
}
?>

<html>
  <head></head>
  <body>
    <h1>Edit Person Details</h1>
    <form name="editcd" action="updatecd.php" method="get">
      CD Number: <input type="text" name="disknum" readonly="true" value="<?php echo
$row['cdnum']; ?>"></input>
      <br />
      CD Name: <input type="text" name="diskname" value="<?php echo $row['cdname'];
?>"></input>
      <br />
      CD Artist: <input type="text" name="diskartist" value="<?php echo $row['artist'];
?>"></input>
      <br />
      <input type="submit" name="Save" value="Save"></input>
    </form>
  </body>
</html>
```

```
<?php
require "dbconn.php";

$dno = $_GET['disknum'];
$newdnam = $_GET['diskname'];
$newdart = $_GET['diskartist'];

// Update database with new information

$query1 = "UPDATE cdtable
          SET cdname='".$newdnam."', artist='".$newdart.'"
          WHERE cdnum='".$dno.'"";

$results1 = $connect->query($query1);

header("Location: products.php");
?>
```