

Assignment # 11: Using MySQL and php to create library web application

I used your existing files, and modified them.

<> insert_form.html x

```
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <title>Add Record Form</title>
7  </head>
8
9  <body>
10
11      <form action="/FormBooks/insert.php" method="POST" enctype="multipart/form-data">
12          <p>
13              <label for="title">Book title:</label>
14              <input type="text" name="title" id="title">
15          </p>
16          <p>
17              <label for="author">Book author: </label>
18              <input type="text" name="author" id="author">
19          </p>
20          <p>
21              <label for="edition">Book edition: </label>
22              <input type="text" name="edition" id="edition">
23          </p>
24
25          <br>
26          <br>
27          <p>Please review your information carefully before submission</p>
28          <input type="submit" name="btn_upload" value="Submit my information">
29      </form>
30  </body>
31
32  </html>
```

🐞 insert.php x

```
1  <?php
2
3  $dbhost = 'localhost';
4  $dbname = 'mydb';
5  $username = 'test';
6  $pw = 'test';
7  // Connection
8  $connection = mysqli_connect($dbhost, $username, $pw, $dbname);
9  if($connection)echo("sql connection succeeded !");
10
11  // Escape user inputs for security
12  if(isset($_POST['btn_upload']))
13  {
14
15      $bookTitle = $_POST['title'];
16      $bookAuthor = $_POST['author'];
17      $bookEdition = $_POST['edition'];
18
19      $sql5 = "INSERT INTO books (title, author, edition) VALUES ('$bookTitle', '$bookAuthor', '$bookEdition')";
20      if (mysqli_query($connection, $sql5))
21      {
22          echo "<br>"; echo "Thank you ... Your info uploaded successfully!";
23      }else{
24          echo "<br>"; echo "Error: " . $sql5 . "<br>" . mysqli_error($connection);
25      }
26  }
27
28  // close connection
29  $x = 0;
30  mysqli_close($connection)
31
32  ?>
```

hope.php x

```
1 <!doctype html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8" name="Erik Rairden">
5   <title>hope.php</title>
6 </head>
7 <body>
8 <?php
9   // Access variables
10  $dbhost = 'localhost';
11  $dbname = 'mydb';
12  $username = 'test';
13  $pw = 'test';
14
15  // Connection
16  $connection = mysqli_connect($dbhost, $username, $pw, $dbname);
17  if($connection)echo("sql connection succeeded !");
18
19  // Querying the table
20  $sql_of_q1 = "select * from books";
21  $q1result = mysqli_query($connection, $sql_of_q1);
22  ?>
23
24  <div style="margin-right: 100px">
25    <table border="1">
26
27    <?php
28    $sql = "INSERT INTO books (title, author, edition) VALUES ('My Diary', 'Erik Rairden', '4')";
29    if (mysqli_query($connection, $sql)) {
30      echo "New record created successfully";
31    } else {
32      echo "Error: " . $sql . "<br>" . mysqli_error($connection);
33    }
34    ?>
35
36    <?php
37    echo "A sample table:";
38    ?>
39
40    <?php
41    echo "<tr>";
42      echo "<td>". 'Book title' . "</td>";
43      echo "<td>". 'Book author' . "</td>";
44      echo "<td>". 'Book edition' . "</td>";
45      echo "</tr>";
46    while($r = mysqli_fetch_assoc($q1result))
47    {
48      echo "<tr>";
49      echo "<td>". $r['title'] . "</td>";
50      echo "<td>". $r['author'] . "</td>";
51      echo "<td>". $r['edition'] . "</td>";
52      echo "</tr>";
53    }
54    ?>
55
56    </table>
57  </div>
58
59
60  <?php
61  //echo "$connection";
62  if (mysqli_close($connection))echo " connection closed ... ";
63  ?>
64 </body>
65 </html>
```

Add Record Form

localhost/formbooks/insert_form.html

Apps cppreference.com

Book title:

How Not to Be Wrong: The I

Book author:

Jordan Ellenberg

Book edition:

1

Please review your information carefully before submission

Submit my information

localhost/FormBooks/ins

localhost/FormBooks/insert.php

Apps cppreference.com

sql connection succeeded !

Thank you ... Your info uploaded successfully!

localhost / MySQL / myd x Assignment # 11: Using x

localhost/phpmyadmin/sql.php?server=1&db=mydb&table=books&pos=0&token=4ca799366c19fb0212555d9701269bee

Apps cppreference.com

phpMyAdmin

Current server: MySQL

Recent Favorites

- New
- information_schema
- mydb
 - New
 - books
 - test1
- mydb2
 - New
 - info
- mysql
- performance_schema
- sys

Server: MySQL:3306 » Database: mydb » Table: books

Browse Structure SQL Search Insert Export Import

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features

✓ Showing rows 0 - 4 (5 total, Query took 0.0002 seconds.)

`SELECT * FROM `books``

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

title	author	edition
Short history of nearly everything	Bill Bryson	1
The Bible	Unicorns	1
Turning Point in Timber Construction : A New Econo...	Ulrich Dangel	1
SuperFreakonomics: Global Cooling, Patriotic Prost...	Steven D. Levitt	1
How Not to Be Wrong: The Power of Mathematical Th...	Jordan Ellenberg	1

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

hope.php

localhost/FormBooks/hope.php

Apps cppreference.com

sql connection succeeded !
New record created successfully A sample table:

Book title	Book author	Book edition
Short history of nearly everything	Bill Bryson	1
The Bible	Unicorns	1
Turning Point in Timber Construction : A New Economy	Ulrich Dangel	1
SuperFreakonomics: Global Cooling, Patriotic Prostitutes, and Why Suicide Bombers Should Buy Life Insurance	Steven D. Levitt	1
How Not to Be Wrong: The Power of Mathematical Thinking	Jordan Ellenberg	1
My Diary	Erik Rairden	4

connection closed ...