WPL - Pgm 18

WPL PG-18.php

```
<!DOCTYPE html>
<!DOCTYPE html>
<html>
<head>
   <title>Book Inventory</title>
</head>
<body>
<div id="regform">
   <h1>Book Inventory System</h1>
   <h3>Book Details Entry Form</h3>
   <form name="bookForm" action="WPL PG-18.php" method="post">
     <label for="book_id">Book ID:</label>
     <input type="text" id="book_id" name="book_id" required> <br><br>
     <label for="title">Title:</label>
     <input type="text" id="title" name="title" required> <br><br>
     <label for="authors">Authors:</label>
     <input type="text" id="authors" name="authors" required> <br><br>
     <label for="edition">Edition:</label>
     <input type="text" id="edition" name="edition" > <br><br>
     <label for="publisher">Publisher:</label>
     <input type="text" id="publisher" name="publisher" > <br><br>
     <input type="submit" name="submit_insert" value="Submit"><br><br>
   </form>
   <hr>
   <h4>Search Book by Author</h4>
   <form name="searchForm" action="WPL PG-18.php" method="post">
     <label for="search_author">Author Name:</label>
```

```php
        <input type="text" name="search_author_name" required>
        <input type="submit" name="search_book" value="Search"><br><br>
    </form>
    <?php
    $conn = mysqli_connect("localhost","root","","test");
    if (!$conn) {
        die("Connection failed: " . mysqli_connect_error());
    }
    echo "Connected successfully<br>";
    if (isset($_POST['submit_insert'])) {
        $book_id = $_POST['book_id'];
        $title = $_POST['title'];
        $authors = $_POST['authors'];
        $edition = $_POST['edition'];
        $publisher = $_POST['publisher'];
        echo " The values are: ".'<br>';
        echo "Book ID: ".$book_id.'<br>';
        echo "Title: ".$title.'<br>';
        echo "Authors: ".$authors.'<br>';
        $sql = "INSERT INTO books (book_id, title, authors, edition, publisher)
            VALUES ('$book_id', '$title', '$authors', '$edition', '$publisher')";
        if (mysqli_query($conn, $sql)) {
            echo "<br><b>New record created successfully</b><br>";
        } else {
            echo "<br><b>Error:</b> " . $sql . "<br>" . mysqli_error($conn) .
"<br>";
        }
    }
    if(isset($_POST['search_book'])) {
```

```php
        $search_author_name = $_POST['search_author_name'];
        $sql = "SELECT book_id, title, authors, edition, publisher FROM books
            WHERE authors LIKE '%$search_author_name%'";
        $res = mysqli_query($conn, $sql);
        $totRows = mysqli_num_rows($res);
        echo "<h2>Search Results</h2>";
        echo "Searched for Author: <b>$search_author_name</b><br>";
        if($totRows == 0) {
            echo "<b>No records found!</b><br>";
        } else {
            echo "<table border='1' cellpadding='5'>";
            echo "<tr><th>Book ID</th><th>Title</th><th>Authors</th><th>Edition</th><th>Publisher</th></tr>";
            while($row = mysqli_fetch_assoc($res)) {
                echo "<tr>";
                echo "<td>".$row["book_id"]."</td>";
                echo "<td>".$row["title"]."</td>";
                echo "<td>".$row["authors"]."</td>";
                echo "<td>".$row["edition"]."</td>";
                echo "<td>".$row["publisher"]."</td>";
                echo "</tr>";
            }
            echo "</table>";
        }
    }
    mysqli_close($conn);
    ?>
</div>
```
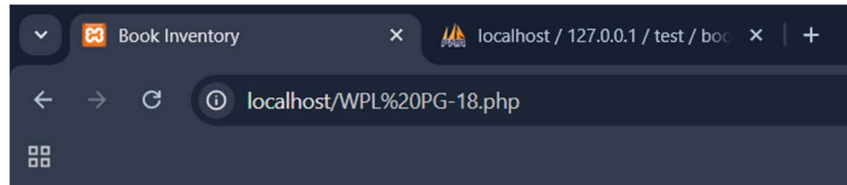
```
</body>
</html>
```

Output

Book Inventory System

Book Details Entry Form

Book ID:

Title:

Authors:

Edition:

Publisher:

Submit

Search Book by Author
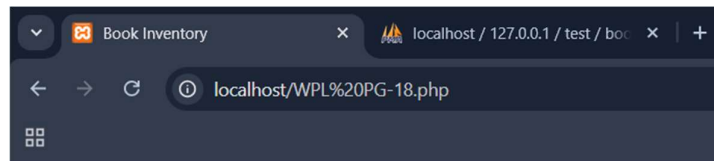
Author Name: [Search]

Connected successfully
The values are:
Book ID: 101
Title: Harry Potter
Authors: J. K. Rowling

New record created successfully

Book Inventory System

Book Details Entry Form

Book ID: [   ]

Title: [   ]

Authors: [   ]

Edition: [   ]

Publisher: [   ]

[Submit]

Search Book by Author

Author Name: [   ] [Search]

Connected successfully

Search Results

Searched for Author: **J. K. Rowling**

Book ID	Title	Authors	Edition	Publisher
101	Harry Potter	J. K. Rowling	1	ABC Publishing