BOOK INSERTION AND SEARCHING

Source Code

```
<html>
<head>
   <title>Books</title>


   <style>
     body {
       background: #f2f2f2;
        padding: 20px;
     }

     h1 {

        color: black;
        padding: 10px;
        text-align: center;
        border-radius: 5px;
     }

     form {
        background: white;
        padding: 15px;
        margin-bottom: 20px;
        border-radius: 5px;
        box-shadow: 0px 0px 5px #aaa;
     }

     input[type="text"] {
border-radius:5px;
        padding: 5px;
        margin: 5px;
        width: 200px;
     }

     input[type="submit"] {
        padding: 8px 15px;
        background: #333;
        color: white;
        border: none;
        border-radius: 4px;
        cursor: pointer;
     }

     input[type="submit"]:hover {
```

```css
            background: #555;
        }

        table {
            width: 100%;
            border-collapse: collapse;
            margin-top: 15px;
            background: white;
            border-radius: 5px;
            overflow: hidden;
            box-shadow: 0 0 5px #aaa;
        }

        th, td {
            color:black;
            border: 1px solid #ccc;
            padding: 10px;
            text-align: left;
        }


        tr:hover {
            background: #f0f0f0;
        }

        .msg-success {
            color: green;
            font-weight: bold;
        }

        .msg-error {
            color: red;
            font-weight: bold;
        }
    </style>
</head>

<body>

<h1>Books Database</h1>

<form method="POST">
    <h3>Add New Book</h3>

    <label>Book title:</label>
    <input type="text" name="title">

    <label>Book Author:</label>
    <input type="text" name="author">

    <label>Book Editor:</label>
    <input type="text" name="editor">
```

```html
    <label>Publisher:</label>
    <input type="text" name="pub">

    <br><br>
    <input type="submit" name="insert" value="Insert">
</form>

<form method="POST">
    <h3>Search Book</h3>
    <label>Enter the book title:</label>
    <input type="text" name="searchs">
    <input type="submit" name="search" value="Search">
</form>

<?php
include 'connection.php';

if (isset($_POST['insert'])) {

    $title  = $_POST['title'];
    $author = $_POST['author'];
    $editor = $_POST['editor'];
    $pub    = $_POST['pub'];

    $sql = "INSERT INTO Book (bname, author, editor, publisher)
        VALUES ('$title', '$author', '$editor', '$pub')";

    if (mysqli_query($con, $sql)) {
        echo "<p class='msg-success'>Book inserted successfully!</p>";
    } else {
        echo "<p class='msg-error'>Error inserting book!</p>";
    }
}


if (isset($_POST['search'])) {

    $searchTitle = $_POST['searchs'];

    echo "<h2>Search Results for: <u>$searchTitle</u></h2>";

    $sql2 = "SELECT * FROM Book WHERE bname LIKE '%$searchTitle%'";
    $result = mysqli_query($con, $sql2);

    if (mysqli_num_rows($result) > 0) {

        echo "<table>
            <tr>
                <th>Book Name</th>
                <th>Author</th>
                <th>Editor</th>
```

```php
            <th>Publisher</th>
        </tr>";

    while ($row = mysqli_fetch_assoc($result)) {
        echo "<tr>
            <td>{$row['bname']}</td>
            <td>{$row['author']}</td>
            <td>{$row['editor']}</td>
            <td>{$row['publisher']}</td>
        </tr>";
    }

    echo "</table>";

    } else {
        echo "<p class='msg-error'>No book found!</p>";
    }
}

echo "<h2>All Books</h2>";

$sqlAll = "SELECT * FROM Book";
$all = mysqli_query($con, $sqlAll);

if (mysqli_num_rows($all) > 0) {

    echo "<table>
        <tr>
            <th>Book Name</th>
            <th>Author</th>
            <th>Editor</th>
            <th>Publisher</th>
        </tr>";

    while ($row = mysqli_fetch_assoc($all)) {
        echo "<tr>
            <td>{$row['bname']}</td>
            <td>{$row['author']}</td>
            <td>{$row['editor']}</td>
            <td>{$row['publisher']}</td>
        </tr>";
    }

    echo "</table>";

} else {
    echo "<p>No books available.</p>";
}

?>
</body>
</html>
```

Screenshot

Books Database

Add New Book

Book title: [   ] Book Author: [   ] Book Editor: [   ] Publisher: [   ]

[Insert]

Search Book

Enter the book title: [always] [Search]

Search Results for: <u>always</u>

Book Name	Author	Editor	Publisher
Always Be Happy	Kiran	Janaki	Dc Books

All Books

Book Name	Author	Editor	Publisher
harry	kiran	kiran	rsw
Harry potter	J K rowling	J K Rowling	cube books
Always Be Happy	Kiran	Janaki	Dc Books

Books Database

Add New Book

Book title: [   ] Book Author: [   ] Book Editor: [   ] Publisher: [   ]

[Insert]

Search Book

Enter the book title: [   ] [Search]

Book inserted successfully!

All Books

Book Name	Author	Editor	Publisher
harry	kiran	kiran	rsw
Harry potter	J K rowling	J K Rowling	cube books
Always Be Happy	Kiran	Janaki	Dc Books
Atomic Habits	James Clear	George	Zera