Assignment No: 7

Design and develop a responsive website for an online book store using PHP and MySQL having 1) Home Page2) Login Page 3) Catalogue Page: 4) Registration Page: (database).

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1. home.php:

```
<!doctype html>
<html lang="en">
  <head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,</pre>
shrink-to-fit=no">
    <!-- Bootstrap CSS -->
    <link rel="stylesheet"</pre>
href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
    <title>Book Store</title>
    <style>
        #introcontainer{
            text-align:center;
        }
        #login-box {
      background-color: #fff;
      border-radius: 10px;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.2);
      margin: auto;
      margin-top: 50px;
      max-width: 500px;
      padding: 20px;
    }
```

```
h1 {
     color: #333;
     font-size: 28px;
     margin-bottom: 20px;
     text-align: center;
   input[type=text], input[type=password] {
     border: none;
     border-radius: 3px;
     box-shadow: 0 0 5px rgba(0, 0, 0, 0.1);
     font-size: 16px;
     margin-bottom: 20px;
     padding: 10px;
     width: 100%;
   }
   input[type=submit] {
     background-color: #4CAF50;
     border: none;
     border-radius: 3px;
     color: #fff;
     cursor: pointer;
     font-size: 16px;
     padding: 10px;
     width: 100%;
   input[type=submit]:hover {
     background-color: #3e8e41;
   </style>
  </head>
  <body>
   <nav class="navbar navbar-expand-lg navbar-light bg-light">
     <a class="navbar-brand" href="#">Book Store</a>
     <button class="navbar-toggler" type="button" data-toggle="collapse"</pre>
data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-
label="Toggle navigation">
       <span class="navbar-toggler-icon"></span>
     </button>
     <div class="collapse navbar-collapse" id="navbarNav">
       <a class="nav-link" href="home.php">Home <span class="sr-</pre>
only">(current)</span></a>
```

```
</div>
    </nav>
    <div class="container" id = "introcontainer">
    <div class="jumbotron">
        <h1>Welcome to online CSE bookstore</h1>
        This site has been made using PHP with MYSQL
        The layout use Bootstrap to make it more responsive. It's just a
simple web!
   </div>
      </div>
      <div class="container" id="main">
<!-- Example row of columns -->
<div id="login-box">
    <h1>Login</h1>
    <form action = "dashboard.php" method = "post">
      <input type="text" placeholder="Username" name = "user_name" required>
      <input type="password" placeholder="Password" name = "pass_word"</pre>
required>
      Dont have an Account? <a style = "text-</pre>
decoration:none; "href="signup.php">Sign UP</a>
      <input type="submit" value="Login">
    </form>
  </div>
    <!-- Optional JavaScript -->
    <!-- jQuery first, then Popper.js, then Bootstrap JS -->
    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"</pre>
integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>
    <script
src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js"
integrity="sha384-
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
crossorigin="anonymous"></script>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js"
integrity="sha384-
JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmY1"
crossorigin="anonymous"></script>
 </body>
</html>
```

2. signup.php:

```
<!DOCTYPE html>
<html>
<head>
  <title>Registration Page</title>
  <link rel="stylesheet" type="text/css" href="style.css">
    <style>
        body {
  font-family: Arial, sans-serif;
  background-color: #f2f2f2;
.container {
 background-color: #fff;
 padding: 20px;
 margin: auto;
 margin-top: 50px;
 width: 50%;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.3);
h1 {
  text-align: center;
 margin-bottom: 20px;
label {
 display: block;
 margin-bottom: 5px;
input[type="text"],
input[type="email"],
input[type="password"] {
 padding: 10px;
 border-radius: 5px;
 margin-bottom: 20px;
 width: 100%;
input[type="submit"] {
  background-color: #4CAF50;
  color: #fff;
  padding: 10px 20px;
  border: none;
 border-radius: 5px;
 cursor: pointer;
```

```
input[type="submit"]:hover {
  background-color: #3e8e41;
    </style>
    <link rel="stylesheet"</pre>
href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
</head>
<body>
  <div class="container">
        <form action="signup submission.php" method="post">
            <h1 style = "text-align:center;">Register</h1>
  <div class="form-group">
    <label for="exampleInputEmail1">Username</label>
    <input type="text" class="form-control" id="username" aria-</pre>
describedby="emailHelp" name = "user_name">
  </div>
  <div class="form-group">
    <label for="exampleInputPassword1">Password</label>
    <input type="password" class="form-control" id="password" name =</pre>
 'pass word">
  </div>
  <div class="form-group">
    <label for="exampleConfirmInputPassword1">Confirm Password</label>
    <input type="password" class="form-control" id="confirmPassword" name =</pre>
"confirm password">
  </div>
  <button type="submit" class="btn btn-primary">Register</button>
</form>
  </div>
    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"</pre>
integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>
    <script
src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js"
integrity="sha384-
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
crossorigin="anonymous"></script>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js"
integrity="sha384-
```

```
JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmY1"
crossorigin="anonymous"></script>
    <script>
    const form = document.querySelector('form');
    const usernameField = document.querySelector('#username');
    const passwordField = document.querySelector('#password');
    const confirmPasswordField = document.querySelector('#confirmPassword');
    form.addEventListener('submit', function(event) {
        event.preventDefault();
        if (usernameField.value.length < 6) {</pre>
            alert('Username must be at least 6 characters long');
            return;
        }
        if (passwordField.value.length < 8) {</pre>
            alert('Password must be at least 8 characters long');
        }
        if (passwordField.value !== confirmPasswordField.value) {
            alert('Passwords do not match');
            return;
        form.submit();
    });
</script>
</body>
</html>
```

3. signup_submissin.php:

```
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
    <title>Hello, world!</title>
  </head>
  <body>
    <!-- Optional JavaScript -->
    <!-- jQuery first, then Popper.js, then Bootstrap JS -->
    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"</pre>
integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>
src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js"
integrity="sha384-
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
crossorigin="anonymous"></script>
src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js"
integrity="sha384-
JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmY1"
crossorigin="anonymous"></script>
  </body>
</html>
<?php
        require "conn.php";
        $conn = db_connect();
        $username = $_REQUEST['user_name'];
        $password = $_REQUEST['pass_word'];
        $confirm = $_REQUEST['confirm_password'];
        $sql = "INSERT INTO `signup` (`Username`, `Password`,
 ConfirmPassword`) VALUES ('$username', '$password', '$confirm');";
        if(mysqli_query($conn, $sql)){
            echo '<div class="alert alert-success alert-dismissible fade show"</pre>
role="alert">
            <strong>User Registered successfully</strong><a style = "text-</pre>
decoration:none; color: darkgreen; "href="home.php"> Click here to Login</a>
</div>';
        } else{
            echo "ERROR: Hush! Sorry $sql. "
               . mysqli_error($conn);
```

```
}
// Close connection
mysqli_close($conn);
?>
```

4. conn.php:

```
    function db_connect(){
        $conn = mysqli_connect("localhost", "root", "", "book-store");
        if(!$conn){
            echo "Can't connect database " . mysqli_connect_error($conn);
            exit;
        }
        return $conn;
    }
```

5. db_function.php:

```
<?php
function select4LatestBook($conn){
    $row = array();
    $query = "SELECT book_isbn, book_image FROM books ORDER BY book_isbn
DESC";
    $result = mysqli_query($conn, $query);
    if(!$result){
        echo "Can't retrieve data " . mysqli_error($conn);
        exit;
    for($i = 0; $i < 4; $i++){
        array_push($row, mysqli_fetch_assoc($result));
    return $row;
function getBookByIsbn($conn, $isbn){
    $query = "SELECT book_title, book_author, book_price FROM books WHERE
book isbn = '$isbn'";
    $result = mysqli_query($conn, $query);
    if(!$result){
        echo "Can't retrieve data " . mysqli_error($conn);
        exit;
    return $result;
```

```
function getOrderId($conn, $customerid){
    $query = "SELECT orderid FROM orders WHERE customerid = '$customerid'";
    $result = mysqli_query($conn, $query);
    if(!$result){
        echo "retrieve data failed!" . mysqli error($conn);
    $row = mysqli fetch assoc($result);
    return $row['orderid'];
function insertIntoOrder($conn, $customerid, $total_price, $date, $ship_name,
$ship_address, $ship_city, $ship_zip_code, $ship_country){
    $query = "INSERT INTO orders VALUES
    ('', '" . $customerid . "', '" . $total_price . "', '" . $date . "', '" .
$ship_name . "', '" . $ship_address . "', '" . $ship_city . "', '" .
$ship_zip_code . "', '" . $ship_country . "')";
    $result = mysqli_query($conn, $query);
    if(!$result){
        echo "Insert orders failed " . mysqli_error($conn);
        exit;
    }
function getbookprice($isbn){
    $conn = db_connect();
    $query = "SELECT book_price FROM books WHERE book_isbn = '$isbn'";
    $result = mysqli_query($conn, $query);
    if(!$result){
        echo "get book price failed! " . mysqli_error($conn);
        exit:
    $row = mysqli_fetch_assoc($result);
    return $row['book_price'];
function getCustomerId($name, $address, $city, $zip_code, $country){
    $conn = db_connect();
    $query = "SELECT customerid from customers WHERE
    name = '$name' AND
    address= '$address' AND
    city = '$city' AND
    zip_code = '$zip_code' AND
    country = '$country'";
    $result = mysqli_query($conn, $query);
    // if there is customer in db, take it out
    if($result){
```

```
$row = mysqli_fetch_assoc($result);
        return $row['customerid'];
    } else {
        return null;
    }
function setCustomerId($name, $address, $city, $zip_code, $country){
    $conn = db connect();
    $query = "INSERT INTO customers VALUES
        ('', '" . $name . "', '" . $address . "', '" . $city . "', '" .
$zip_code . "', '" . $country . "')";
    $result = mysqli_query($conn, $query);
    if(!$result){
        echo "insert false !" . mysqli error($conn);
        exit;
    $customerid = mysqli insert id($conn);
    return $customerid;
function getPubName($conn, $pubid){
    $query = "SELECT publisher_name FROM publisher WHERE publisherid =
$pubid'";
    $result = mysqli_query($conn, $query);
    if(!$result){
        echo "Can't retrieve data " . mysqli_error($conn);
    if(mysqli_num_rows($result) == 0){
        echo "Empty books ! Something wrong! check again";
        exit;
    }
    $row = mysqli_fetch_assoc($result);
    return $row['publisher_name'];
function getAll($conn){
    $query = "SELECT * from books ORDER BY book_isbn DESC";
    $result = mysqli_query($conn, $query);
    if(!$result){
        echo "Can't retrieve data " . mysqli_error($conn);
        exit;
    return $result;
```

6. dashboard.php:

```
<?php
$login = false;
$showError = false;
if($_SERVER["REQUEST_METHOD"] == "POST"){
    $conn = mysqli_connect("localhost", "root", "", "book-store");
      echo "Can't connect database " . mysqli_connect_error($conn);
      exit;
    $username = $_POST["user_name"];
    $password = $_POST["pass_word"];
    $sql = "Select * from signup where username='$username' AND
password='$password'";
    $result = mysqli_query($conn, $sql);
    $num = mysqli_num_rows($result);
    if (\text{num} == 1){
        $login = true;
        session_start();
        $_SESSION['loggedin'] = true;
        $_SESSION['username'] = $username;
        // header("location: dashboard.php");
    else{
        $showError = "Invalid Credentials";
        // header("location: home.php");
<!doctype html>
<html lang="en">
 <head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,</pre>
shrink-to-fit=no">
    <!-- Bootstrap CSS -->
```

```
<link rel="stylesheet"</pre>
href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css
 integrity="sha384-
Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh"
crossorigin="anonymous">
   <title>Login</title>
 </head>
 <body>
   <?php
   if($login){
       $uname = $ SESSION['username'];
   echo ' <div class="alert alert-success alert-dismissible fade show"</pre>
role="alert">
       <strong>Success!</strong> You are logged in
       <button type="button" class="close" data-dismiss="alert" aria-</pre>
label="Close">
           <span aria-hidden="true">x</span>
       </button>
   </div>
   <nav class="navbar navbar-expand-lg navbar-light bg-light">
     <a class="navbar-brand" href="#">Book Store</a>
     <button class="navbar-toggler" type="button" data-toggle="collapse"</pre>
data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-
label="Toggle navigation">
       <span class="navbar-toggler-icon"></span>
     </button>
     <div class="collapse navbar-collapse" id="navbarNav">
       <a class="nav-link" href="home.php">Home <span class="sr-</pre>
only">(current)</span></a>
         <a class="nav-link" href="catalogue.php">Books</a>
         <a class="nav-link" href="logout.php">Logout</a>
         </div>
   </nav>
   <div class="container" id = "introcontainer">
   <div class="jumbotron">
```

```
<h2>Welcome
    '.$uname.'</h2>
    <h1>Welcome to online CSE bookstore</h1>
        This site has been made using PHP with MYSQL
        The layout use Bootstrap to make it more responsive. Its just a
simple web!
    </div>
     </div>
    if($showError){
    echo ' <div class="alert alert-danger alert-dismissible fade show"
role="alert">
        <strong>Error!</strong> '. $showError.'
        <button type="button" class="close" data-dismiss="alert" aria-</pre>
label="Close">
            <span aria-hidden="true">x</span>
        </button>
    </div> ';
    }
    ?>
    <script src="https://code.jquery.com/jquery-3.4.1.slim.min.js"</pre>
integrity="sha384-
J6qa4849blE2+poT4WnyKhv5vZF5SrPo0iEjwBvKU7imGFAV0wwj1yYfoRSJoZ+n"
crossorigin="anonymous"></script>
    <script
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
integrity="sha384-
Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
crossorigin="anonymous"></script>
src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"
integrity="sha384-
wfSDF2E50Y2D1uUdj003uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl30g8ifwB6"
crossorigin="anonymous"></script>
 </body>
</html>
```

7. catalogue.php:

```
<?php
  session_start();
  $count = 0;
  // connecto database</pre>
```

```
require_once "db_functions.php";
  require once "conn.php";
  $conn = db connect();
  $row = getAll($conn);
  $query = "SELECT book isbn, book image FROM books";
  $result = mysqli_query($conn, $query);
  if(!$result){
    echo "Can't retrieve data " . mysqli_error($conn);
    exit;
  }
  $title = "Full Catalogs of Books";
<!doctype html>
<html lang="en">
  <head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,</pre>
shrink-to-fit=no">
    <!-- Bootstrap CSS -->
    <link rel="stylesheet"</pre>
href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
    <title>Hello, world!</title>
  </head>
  <body>
  <h2 style="text-align:center;">Latest books</h2>
<br>
      <div class="row">
        <?php foreach($row as $book) { ?>
        <div class="col-md-3">
          <a href="book.php?bookisbn=<?php echo $book['book_isbn']; ?>">
           <img class="img-responsive img-thumbnail" src="./images/<?php echo</pre>
$book['book_image']; ?>">
          </a>
        </div>
        <br>
        <?php } ?>
      </div>
        </body>
        </html>
```

8. book.php:

```
<?php
  session_start();
  $book_isbn = $_GET['bookisbn'];
  // connecto database
  require_once "db_functions.php";
  require_once "conn.php";
  $conn = db_connect();
  $query = "SELECT * FROM books WHERE book_isbn = '$book_isbn'";
  $result = mysqli_query($conn, $query);
  if(!$result){
    echo "Can't retrieve data " . mysqli_error($conn);
    exit;
  }
  $row = mysqli_fetch_assoc($result);
  if(!$row){
    echo "Empty book";
   exit;
  }
  $title = $row['book_title'];
 // require "home.php";
<!DOCTYPE html>
<html lang="en">
 <html>
    <title>Book description</title>
   <head>
      <style>
        /* CSS for book page */
/* Page header */
header {
 background-color: #333;
 color: #fff;
 padding: 10px;
/* Book image */
.img-thumbnail {
 max-width: 100%;
 height: auto;
 margin-bottom: 10px;
```

```
/* Book details table */
table {
 width: 100%;
 max-width: 600px;
 margin-bottom: 20px;
table td {
  padding: 5px;
/* Purchase button */
input[type="submit"] {
 background-color: #337ab7;
  border-color: #2e6da4;
  color: #fff;
  padding: 5px 10px;
  font-size: 16px;
  border-radius: 3px;
  cursor: pointer;
/* Hover effect on purchase button */
input[type="submit"]:hover {
 background-color: #2e6da4;
  border-color: #23527c;
/* Breadcrumb trail */
.breadcrumb {
 background-color: #f5f5f5;
 padding: 8px 15px;
 margin-bottom: 20px;
  list-style: none;
 border-radius: 4px;
.breadcrumb > li {
 display: inline-block;
.breadcrumb > li + li:before {
  content: ">";
 padding: 0 5px;
  color: #ccc;
```

```
/* Book description */
.book-description {
 margin-bottom: 20px;
.book-description p {
  font-size: 16px;
 line-height: 1.5;
/* Book title */
h2.book-title {
 font-size: 24px;
 margin-bottom: 10px;
/* Book author */
h3.book-author {
 font-size: 18px;
 margin-top: 0;
/* Container for book image and details */
.book-details {
 display: flex;
 flex-wrap: wrap;
/* Column for book image */
.book-image {
 width: 30%;
 margin-right: 20px;
/* Column for book details */
.book-details-right {
 width: 70%;
/* Responsive design for small screens */
@media (max-width: 767px) {
 /* Columns for book image and details stack */
  .book-details {
   flex-direction: column;
```

```
.book-image {
   margin-right: 0;
   margin-bottom: 20px;
   width: 100%;
  .book-details-right {
   width: 100%;
 /* Center book image */
  .book-image img {
   display: block;
   margin: 0 auto;
 }
     </style>
   </head>
     <!-- Example row of columns -->
     <a href="books.php">Books</a> >
<?php echo $row['book_title']; ?>
     <div class="row">
       <div class="col-md-3 text-center">
         <img class="img-responsive img-thumbnail" src="./images/<?php echo</pre>
$row['book_image']; ?>">
       </div>
       <div class="col-md-6">
         <h4>Book Description</h4>
         <?php echo $row['book_descr']; ?>
         <h4>Book Details</h4>
         <?php foreach($row as $key => $value){
             if($key == "book_descr" || $key == "book_image" || $key ==
'publisherid" || $key == "book_title"){
              continue;
             switch($key){
               case "book_isbn":
                 $key = "ISBN";
                 break;
               case "book_title":
                 $key = "Title";
                break;
               case "book_author":
                $key = "Author";
```

```
break;
               case "book_price":
                 $key = "Price";
                 break;
             }
           ?>
           <?php echo $key; ?>
             <?php echo $value; ?>
           <?php
            }
             if(isset($conn)) {mysqli_close($conn); }
           ?>
         <form method="post" action="cart.php">
           <input type="hidden" name="bookisbn" value="<?php echo</pre>
$book_isbn;?>">
           <input type="submit" value="Purchase / Add to cart" name="cart"</pre>
class="btn btn-primary">
         </form>
       </div>
     </div>
     </html>
```

9. logout.php:

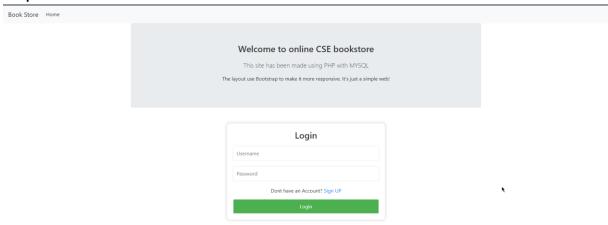
```
<?php

session_start();
session_unset();
session_destroy();

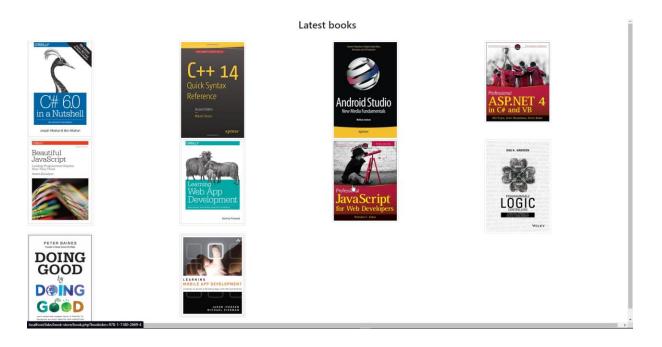
header("Location: home.php");

?>
```

Output:







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Book Description

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ISBN 978-1-484217-26-9
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