```php
<?php
session_start();
if(!isset($_SESSION['user_session'])){
    header("Location: customer.php");
    exit();
}
//echo $_SESSION['basket'];
if(!isset($_SESSION['basket'])){
    $_SESSION['basket'] = array();
}
?>
<html>
<head>
<script type="text/javascript">
var request = new XMLHttpRequest();
function displayResult () {
    if (request.readyState == 4) {
        console.log('sdadsds');
        var result = request.responseText;
        document.getElementById('count').innerHTML = result;
        //alert(result);
    }
};


function addToCart(isbn,bookname){
    console.log('24356');
    request.onreadystatechange = displayResult;
    request.open("GET","add_to_cart.php?ISBN="+isbn+"&title="+bookname);
    request.send();
}
</script>
 welcome </head>
<body>

<form action ="home.php" method_exists ="GET">
<table>
<tr>
<td> Search by Author: </td><td colspan="2"><input type="text" name="searchauthor"></td>
</tr>
<tr>
<td> Search by Title: </td><td colspan="2"><input type="text" name ="searchbytitle"></td>
</tr>
<td></td><td><input type="submit" value="Search" name="Search"></td>
</table>
</form>
<?php
try{
    if(isset($_GET['Search'])){
    $dbh = new PDO("mysql:host=127.0.0.1:3306;dbname=cheapbooks","root","",array(PDO::
    ATTR_ERRMODE => PDO::ERRMODE_EXCEPTION));
    $sql="";
    if(isset($_GET['searchauthor']) && $_GET['searchauthor'] != null && isset($_GET['Search'])){
    $searchauthor = $_GET['searchauthor'];
    $sql = "SELECT book.title as book_name, writtenby.ISBN , stocks.number, book.price from
    writtenby INNER JOIN author on author.ssn = writtenby.ssn INNER JOIN book on book.ISBN =
    writtenby.ISBN INNER join stocks on stocks.ISBN = book.ISBN WHERE author.name = '
    {$searchauthor}'";
    }
    else if(isset($_GET['searchbytitle']) && $_GET['searchbytitle']!=null && isset($_GET[
    'Search'])){
    $searchbytitle = $_GET['searchbytitle'];
    $sql = "SELECT book.title as book_name, writtenby.ISBN , stocks.number, book.price from
    writtenby INNER JOIN author on author.ssn = writtenby.ssn INNER JOIN book on book.ISBN =
    writtenby.ISBN INNER join stocks on stocks.ISBN = book.ISBN WHERE book.title = '
```

```php
            {$searchbytitle}'";
    }
    echo "<table width=\"900\">";
    echo "<tr><th >ISBN</th><th>Book Title</th><th>Price</th><th>No. of Available Books
    </th></tr>";
    $dbh->beginTransaction();
    $statement = $dbh->prepare($sql);
    $statement->execute();
    $dbh->commit();
        if($statement->rowcount()){
        while($row=$statement ->fetch()){

            echo "<tr><td>";
            echo $row['ISBN'];
            echo "</td><td>";
            echo $row['book_name'];
            echo "</td><td>";
            echo $row['price'];
            echo "</td><td>";
            echo $row['number'];
            echo "</td><td>";
            //echo "<a href='add_to_cart.php?ISBN={$row['ISBN']}&title={$row['book_name']}'>Add
            to cart";
            //echo "<a href='#'
            onclick='addToCart('"+$row['ISBN']+"','"+$row['book_name']+"');'>Add to cart</a>";
            echo "<button type='button' onClick='addToCart(&quot;{$row['ISBN']}&quot;,&quot;
            {$row['book_name']}&quot;)'>Add to cart</button>";
            echo "</td><tr>";
        }
        echo "</table>";
    }
}
}
catch(PDOException $e){
    echo $e->getMessage();
                }


?>
<form action ="checkout.php" method ="GET">
  <button type="button" name="shoppingbasket" >Shopping Basket </button>
  <div id="count"></div>
  <button type="button" name="logout"  > Log Out </button>
  </form>
</body>
</html>
```