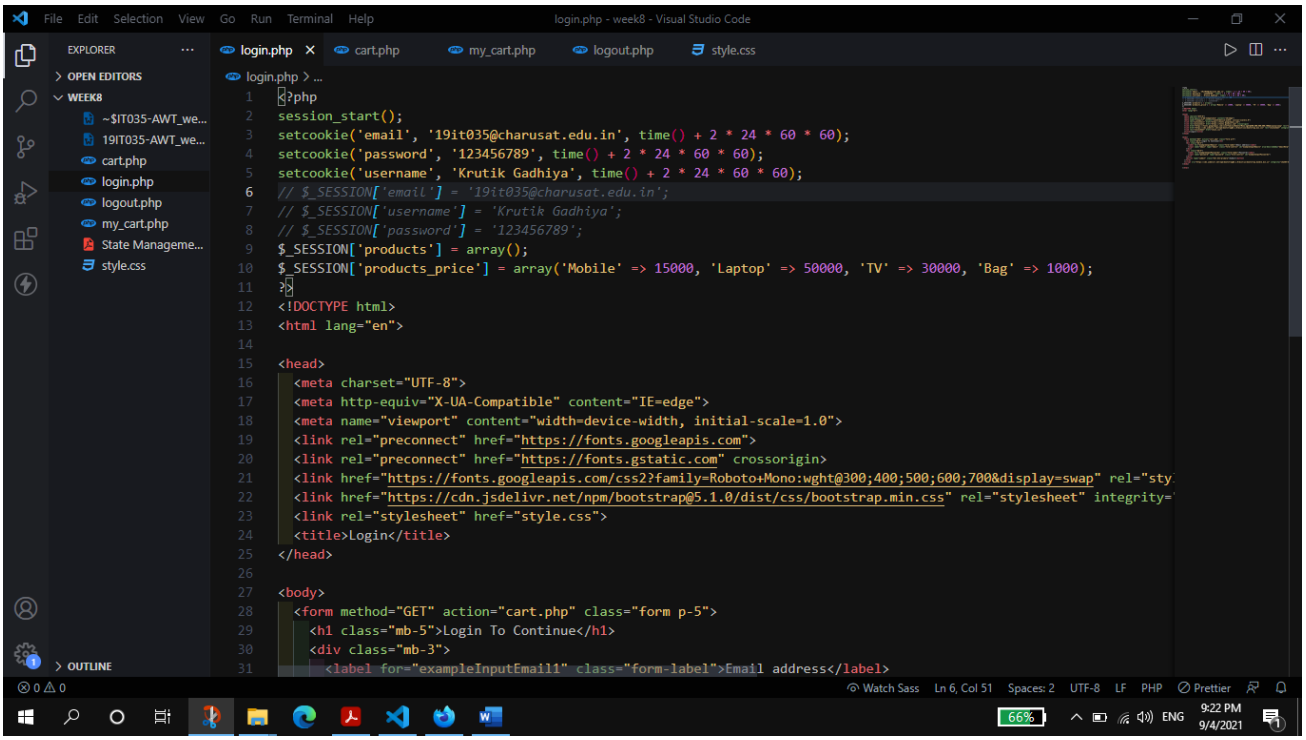
AWT Practical *Week - 8 Task*

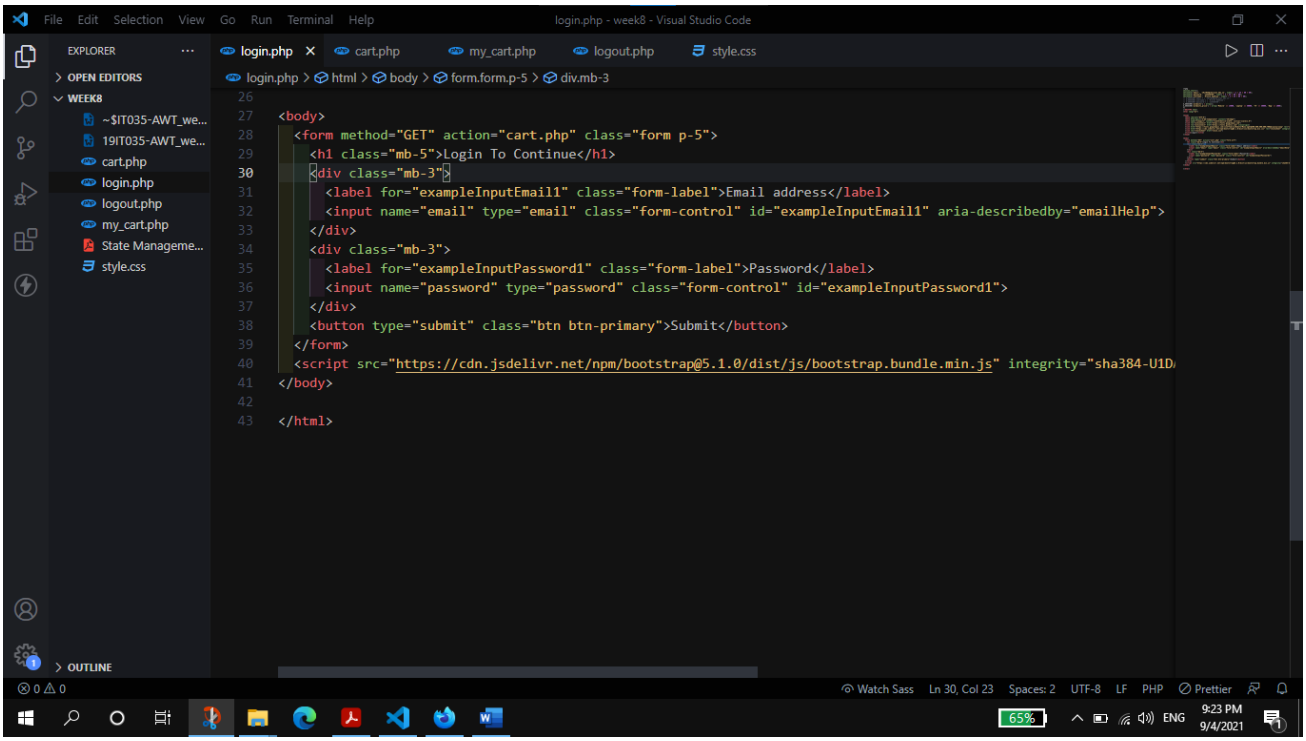
State Management in PHP

1) Simple Login Application

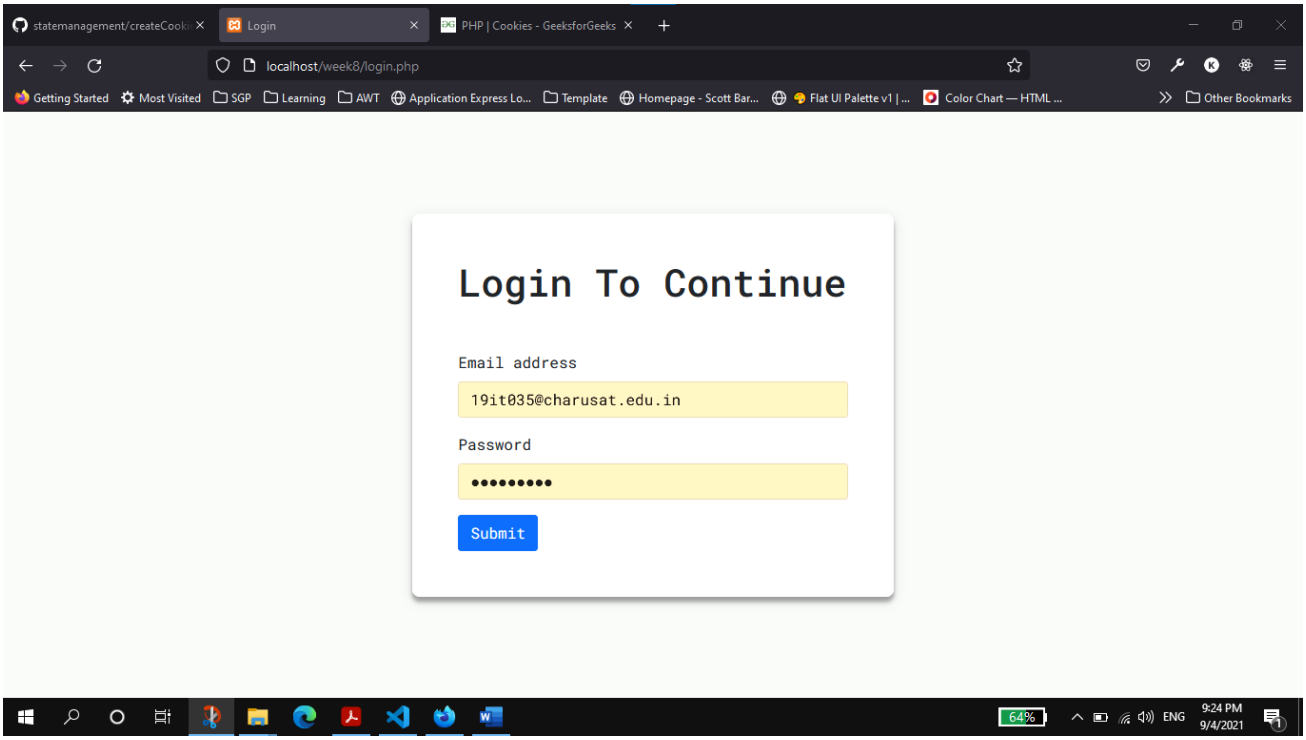
- Login / Logout -- [with fixed username and password - Do not use database]
- Allow access to the private page(mycart.php page) if the user is logged-in only.

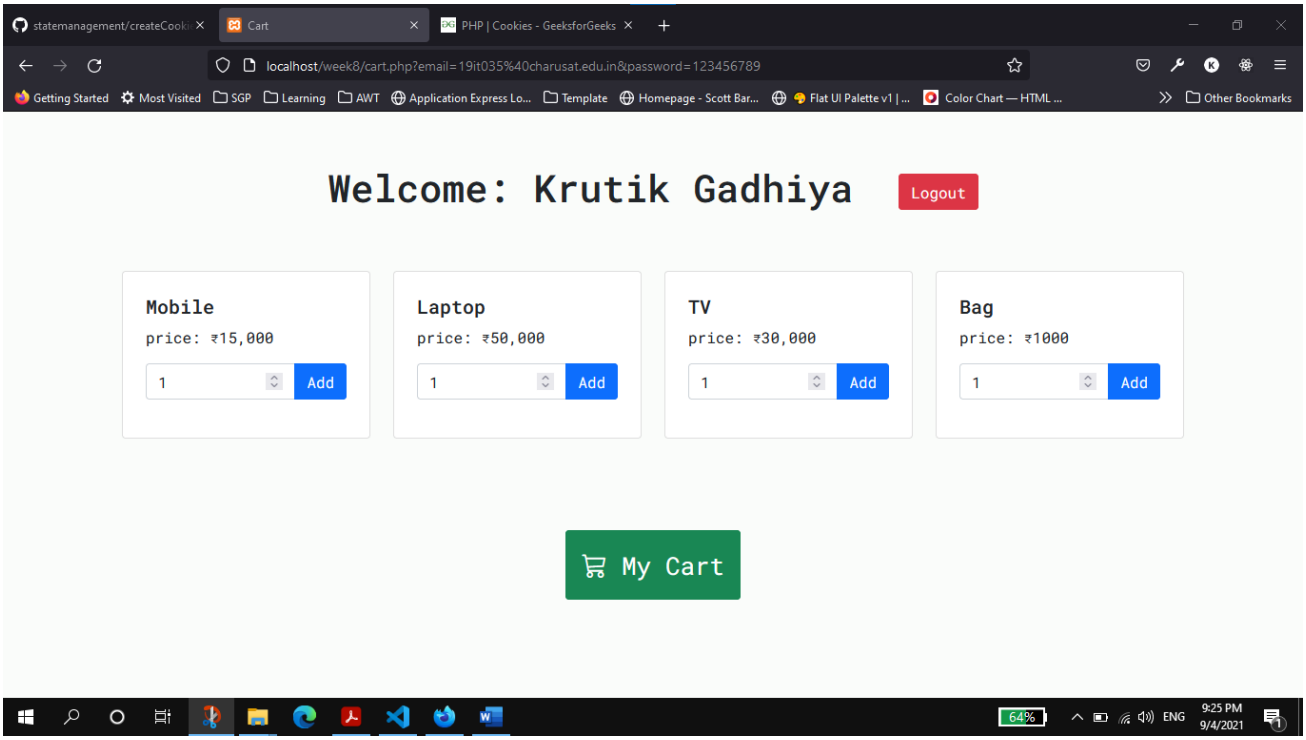
Code:

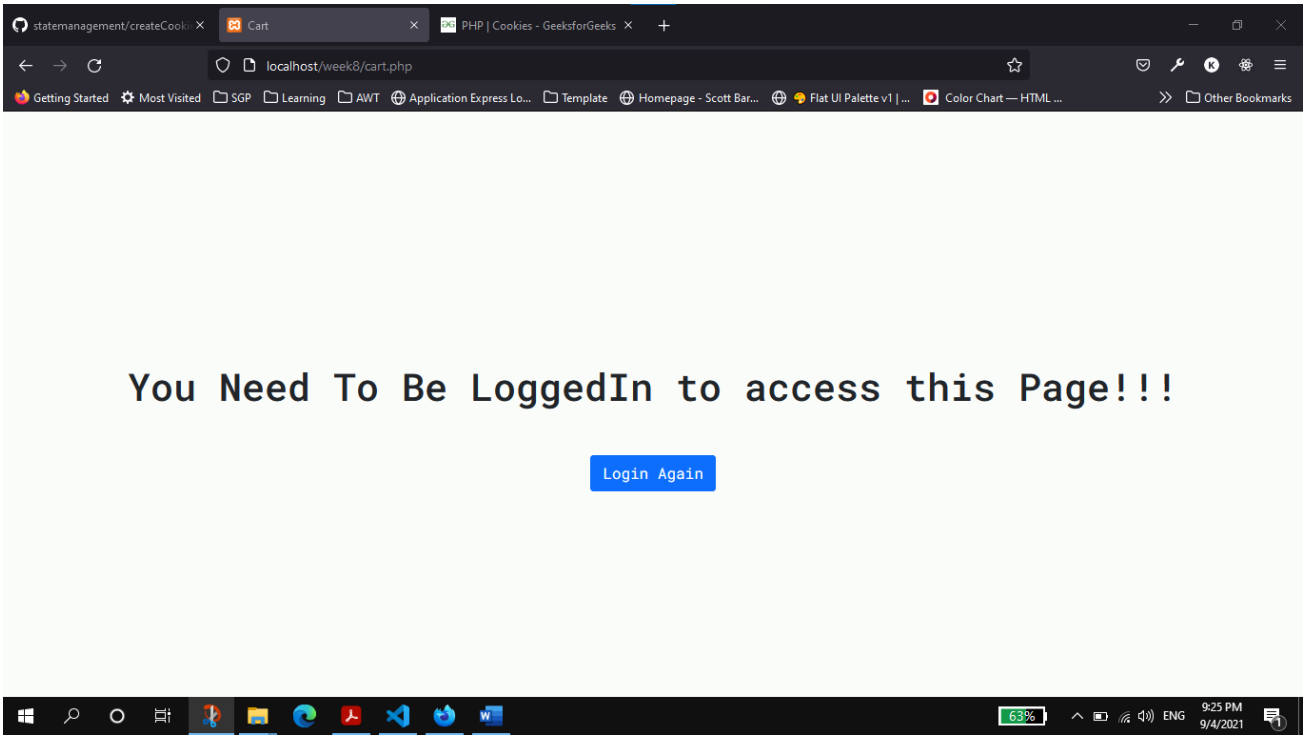




Output:


Login
PHP | Cookies - GeeksforGeeks
localhost/week8/login.php
Login To Continue
Email address
19it035@charusat.edu.in
Password
Submit

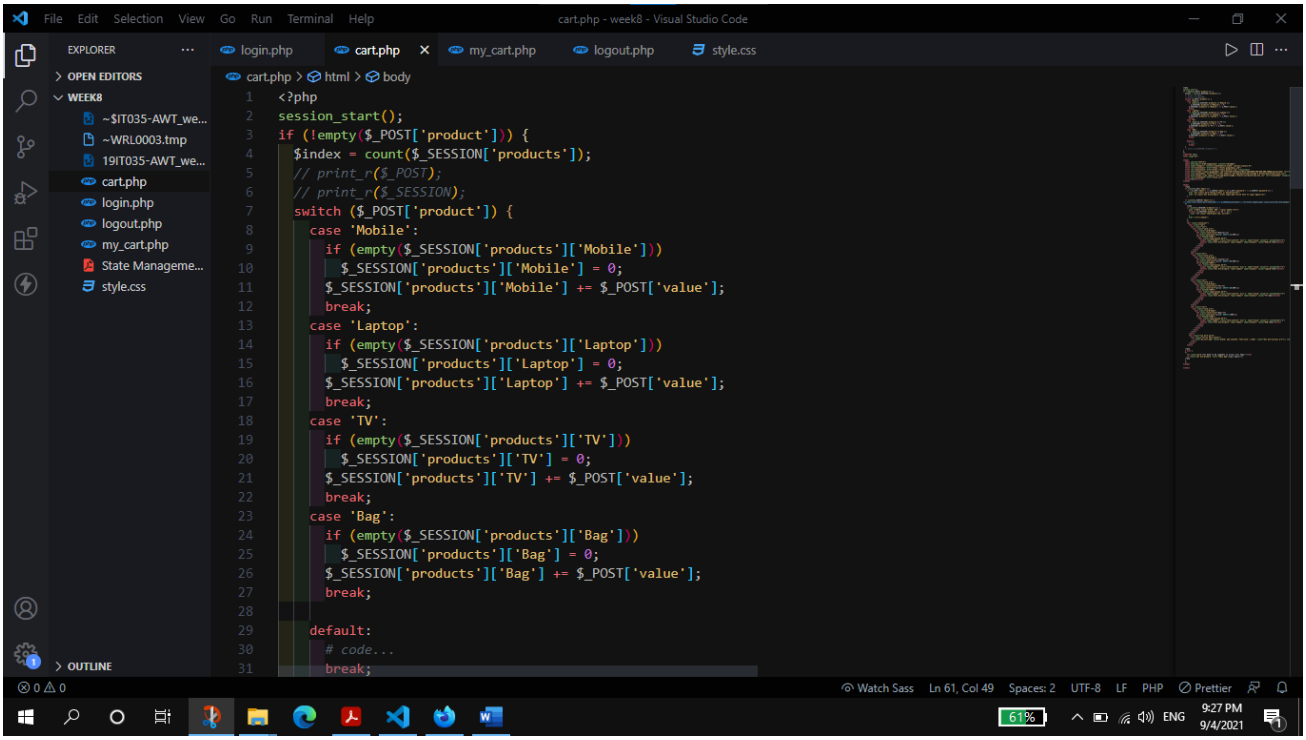

Cart
PHP | Cookies - GeeksforGeeks
localhost/week8/cart.php?email=19it035%40charusat.edu.in&password=123456789
Welcome: Krutik Gadhiya
Logout
Mobile
price: ₹15,000
Add
Laptop
price: ₹50,000
Add
TV
price: ₹30,000
Add
Bag
price: ₹1000
Add
My Cart

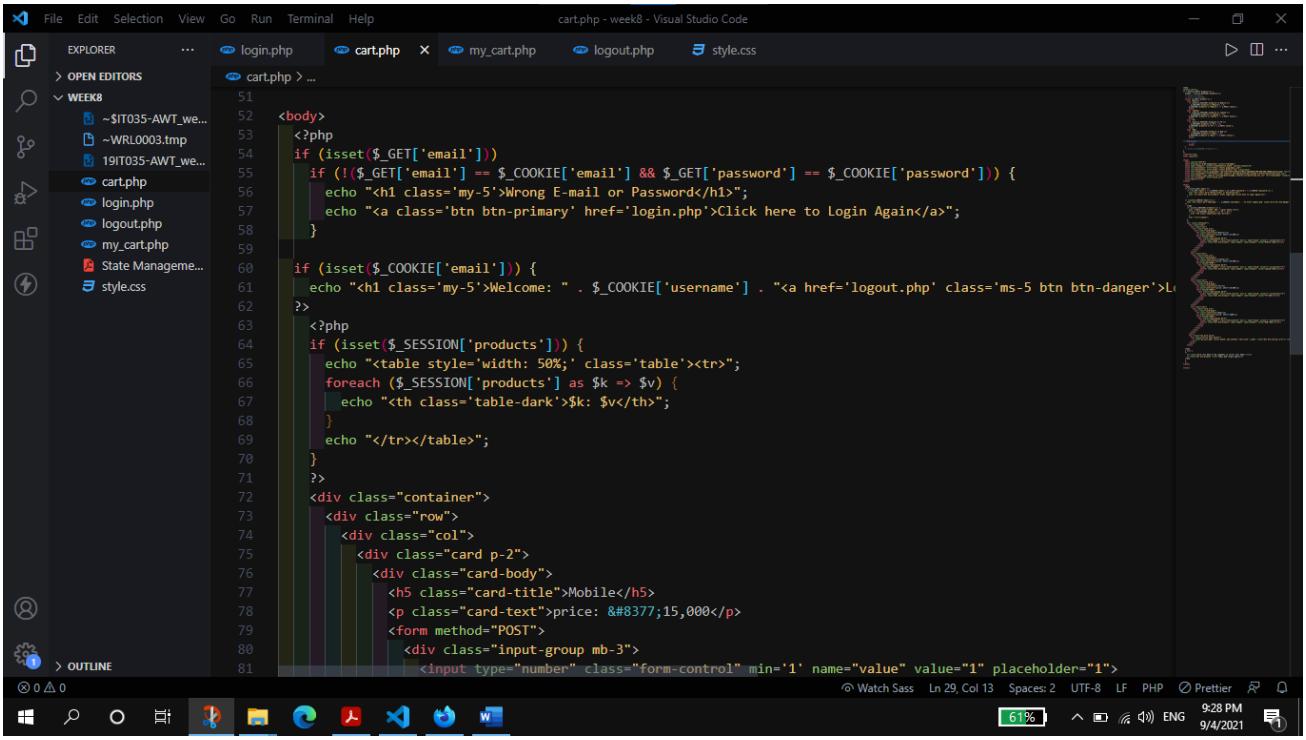


2) Create simple shopping cart page(mycart.php) as below (use session and cookies)

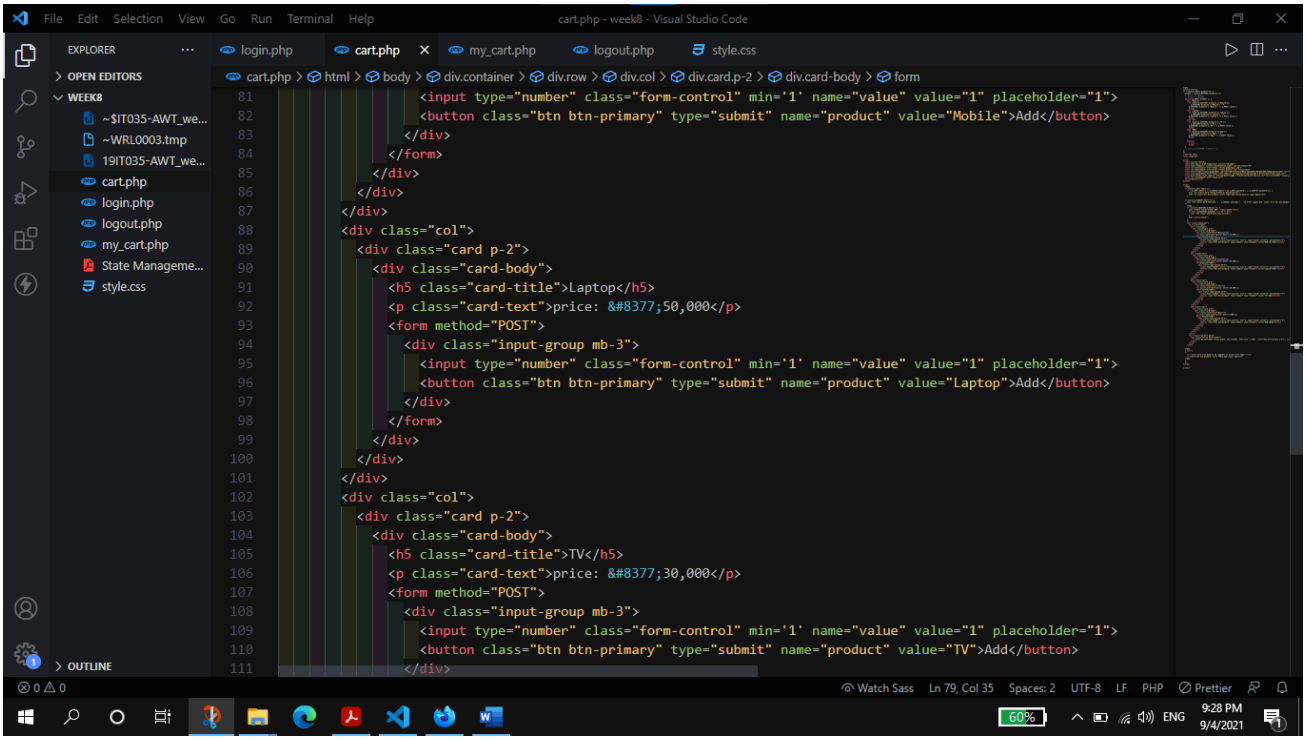
- It should have list of products with price
- Add product to cart
- Remove product from cart
- Show total products from cart
- Calculate total payment

Code: **Cart.php**

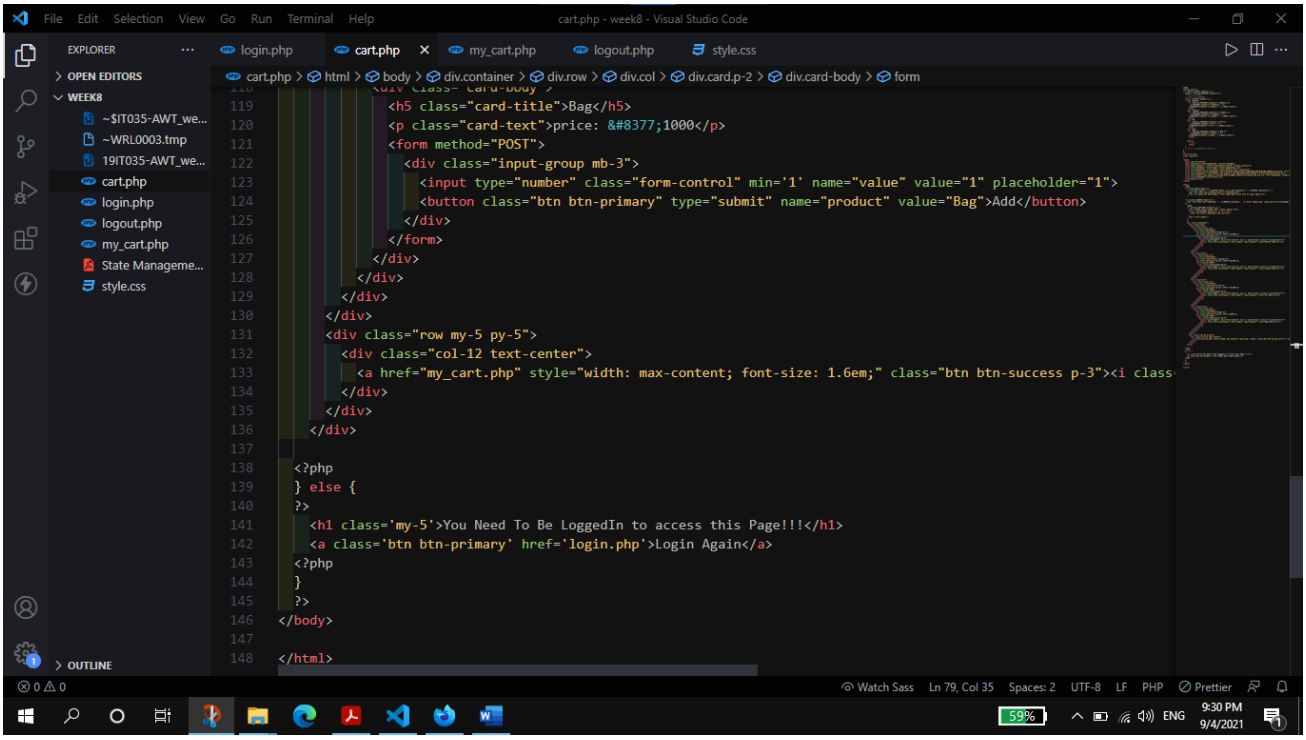




```
<body>
  <?php
  if (isset($_GET['email']))
    if (!($_GET['email'] == $_COOKIE['email'] && $_GET['password'] == $_COOKIE['password'])) {
      echo "<h1 class='my-5'>Wrong E-mail or Password</h1>";
      echo "<a class='btn btn-primary' href='login.php'>Click here to Login Again</a>";
    }

  if (isset($_COOKIE['email'])) {
    echo "<h1 class='my-5'>Welcome: " . $_COOKIE['username'] . "<a href='logout.php' class='ms-5 btn btn-danger'>L
  ?>
    <?php
    if (isset($_SESSION['products'])) {
      echo "<table style='width: 50%;' class='table'><tr>";
      foreach ($_SESSION['products'] as $k => $v) {
        echo "<th class='table-dark'>$k: $v</th>";
      }
      echo "</tr></table>";
    }
    ?>
    <div class="container">
      <div class="row">
        <div class="col">
          <div class="card p-2">
            <div class="card-body">
              <h5 class="card-title">Mobile</h5>
              <p class="card-text">price: &#8377;15,000</p>
              <form method="POST">
                <div class="input-group mb-3">
                  <input type="number" class="form-control" min='1' name="value" value="1" placeholder="1">
```

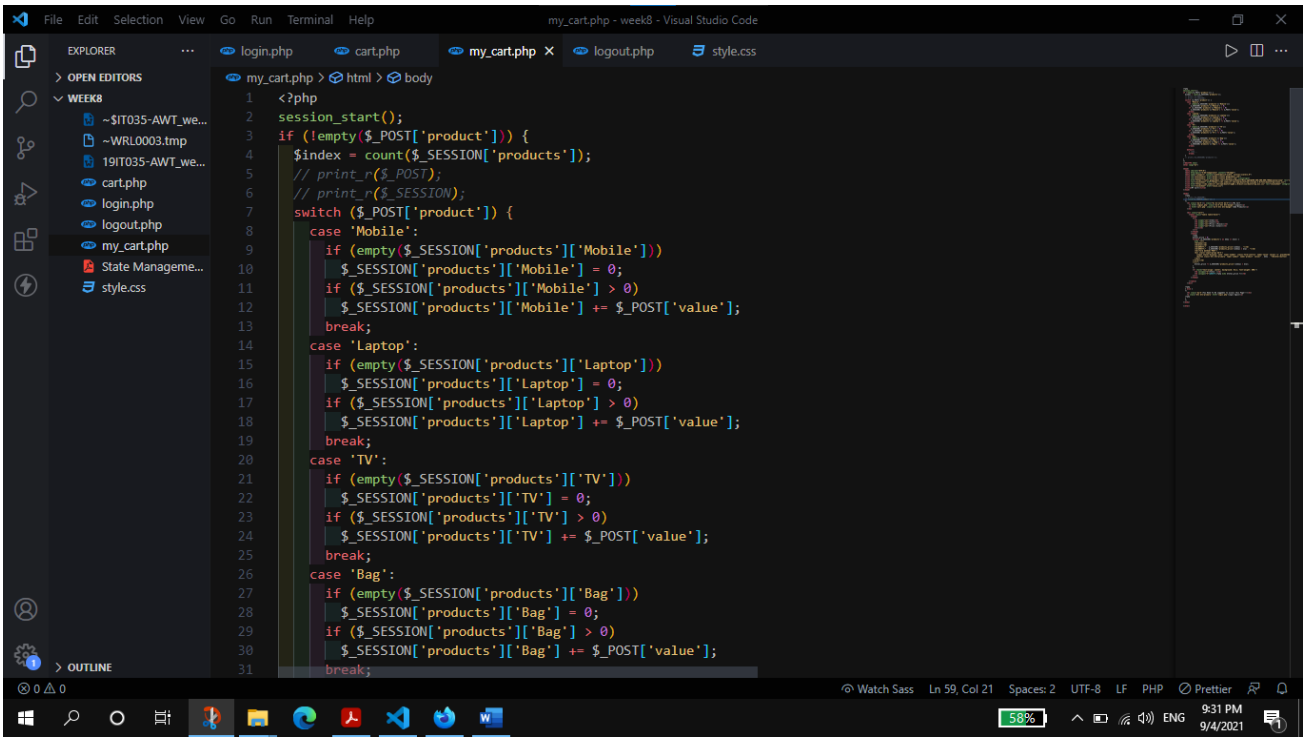


```
                  <input type="number" class="form-control" min='1' name="value" value="1" placeholder="1">
                  <button class="btn btn-primary" type="submit" name="product" value="Mobile">Add</button>
                </div>
              </form>
            </div>
          </div>
        </div>
        <div class="col">
          <div class="card p-2">
            <div class="card-body">
              <h5 class="card-title">Laptop</h5>
              <p class="card-text">price: &#8377;50,000</p>
              <form method="POST">
                <div class="input-group mb-3">
                  <input type="number" class="form-control" min='1' name="value" value="1" placeholder="1">
                  <button class="btn btn-primary" type="submit" name="product" value="Laptop">Add</button>
                </div>
              </form>
            </div>
          </div>
        </div>
        <div class="col">
          <div class="card p-2">
            <div class="card-body">
              <h5 class="card-title">TV</h5>
              <p class="card-text">price: &#8377;30,000</p>
              <form method="POST">
                <div class="input-group mb-3">
                  <input type="number" class="form-control" min='1' name="value" value="1" placeholder="1">
                  <button class="btn btn-primary" type="submit" name="product" value="TV">Add</button>
                </div>
```

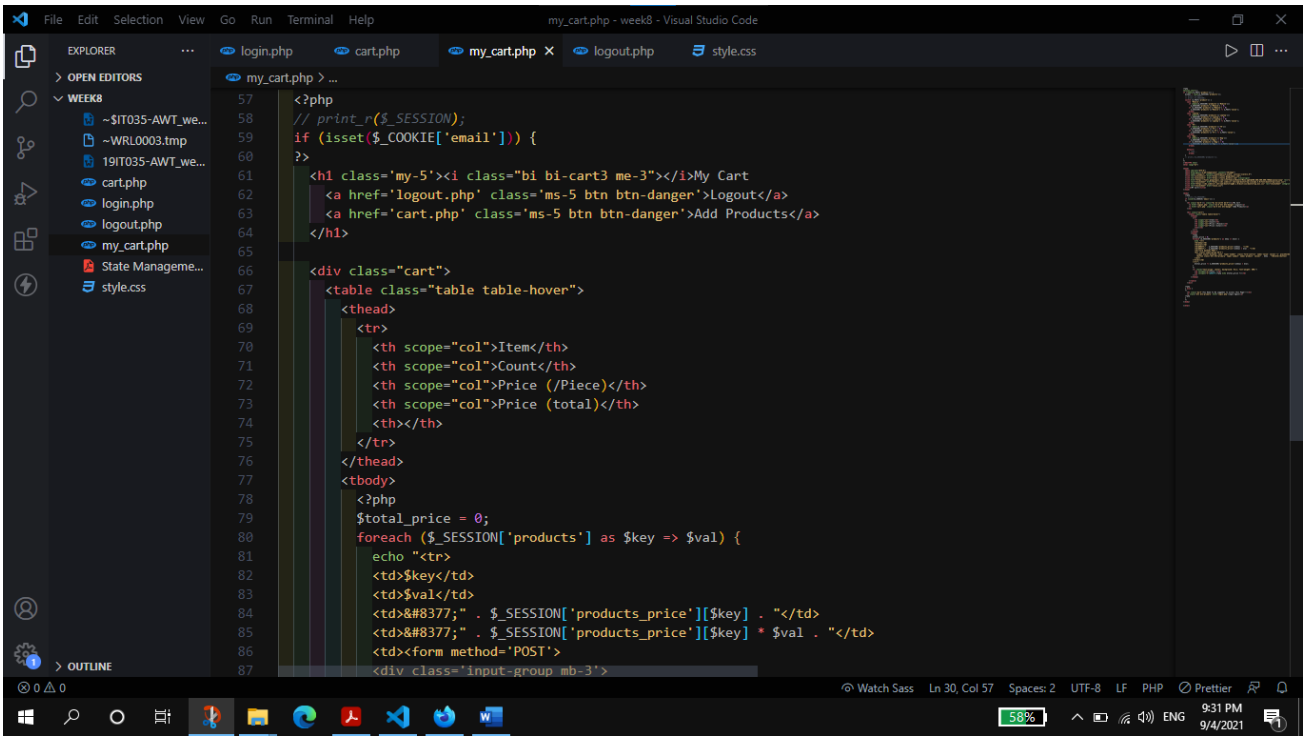


```
119                 <h5 class="card-title">Bag</h5>
120                 <p class="card-text">price: &#8377;1000</p>
121                 <form method="POST">
122                   <div class="input-group mb-3">
123                     <input type="number" class="form-control" min='1' name="value" value="1" placeholder="1">
124                     <button class="btn btn-primary" type="submit" name="product" value="Bag">Add</button>
125                   </div>
126                 </form>
127               </div>
128             </div>
129           </div>
130         </div>
131         <div class="row my-5 py-5">
132           <div class="col-12 text-center">
133             <a href="my_cart.php" style="width: max-content; font-size: 1.6em;" class="btn btn-success p-3"><i class
134           </div>
135         </div>
136       </div>
137
138     <?php
139     } else {
140     ?>
141       <h1 class='my-5'>You Need To Be LoggedIn to access this Page!!!</h1>
142       <a class='btn btn-primary' href='login.php'>Login Again</a>
143     <?php
144     }
145     ?>
146   </body>
147
148   </html>
```

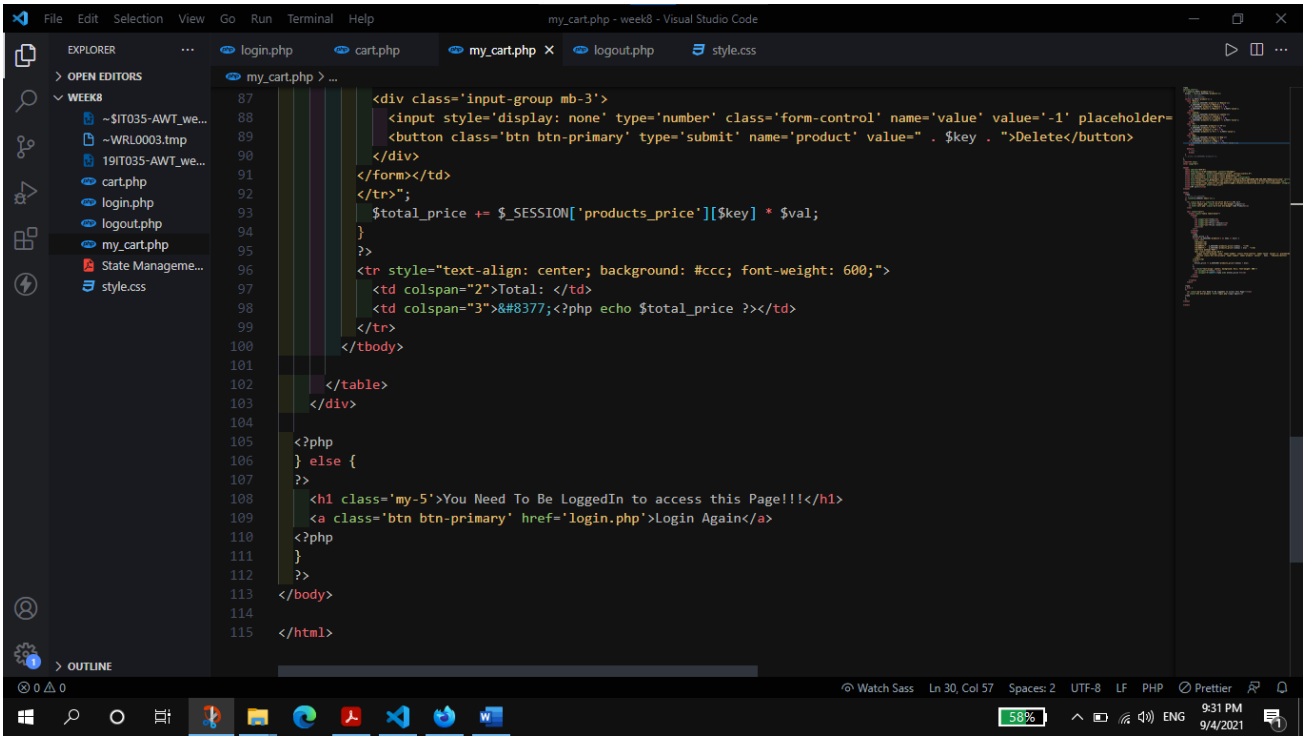
My_cart.php



```
1   <?php
2   session_start();
3   if (!empty($_POST['product'])) {
4     $index = count($_SESSION['products']);
5     // print_r($_POST);
6     // print_r($_SESSION);
7     switch ($_POST['product']) {
8       case 'Mobile':
9         if (empty($_SESSION['products']['Mobile']))
10          $_SESSION['products']['Mobile'] = 0;
11        if ($_SESSION['products']['Mobile'] > 0)
12          $_SESSION['products']['Mobile'] += $_POST['value'];
13        break;
14      case 'Laptop':
15        if (empty($_SESSION['products']['Laptop']))
16          $_SESSION['products']['Laptop'] = 0;
17        if ($_SESSION['products']['Laptop'] > 0)
18          $_SESSION['products']['Laptop'] += $_POST['value'];
19        break;
20      case 'TV':
21        if (empty($_SESSION['products']['TV']))
22          $_SESSION['products']['TV'] = 0;
23        if ($_SESSION['products']['TV'] > 0)
24          $_SESSION['products']['TV'] += $_POST['value'];
25        break;
26      case 'Bag':
27        if (empty($_SESSION['products']['Bag']))
28          $_SESSION['products']['Bag'] = 0;
29        if ($_SESSION['products']['Bag'] > 0)
30          $_SESSION['products']['Bag'] += $_POST['value'];
31        break;
```

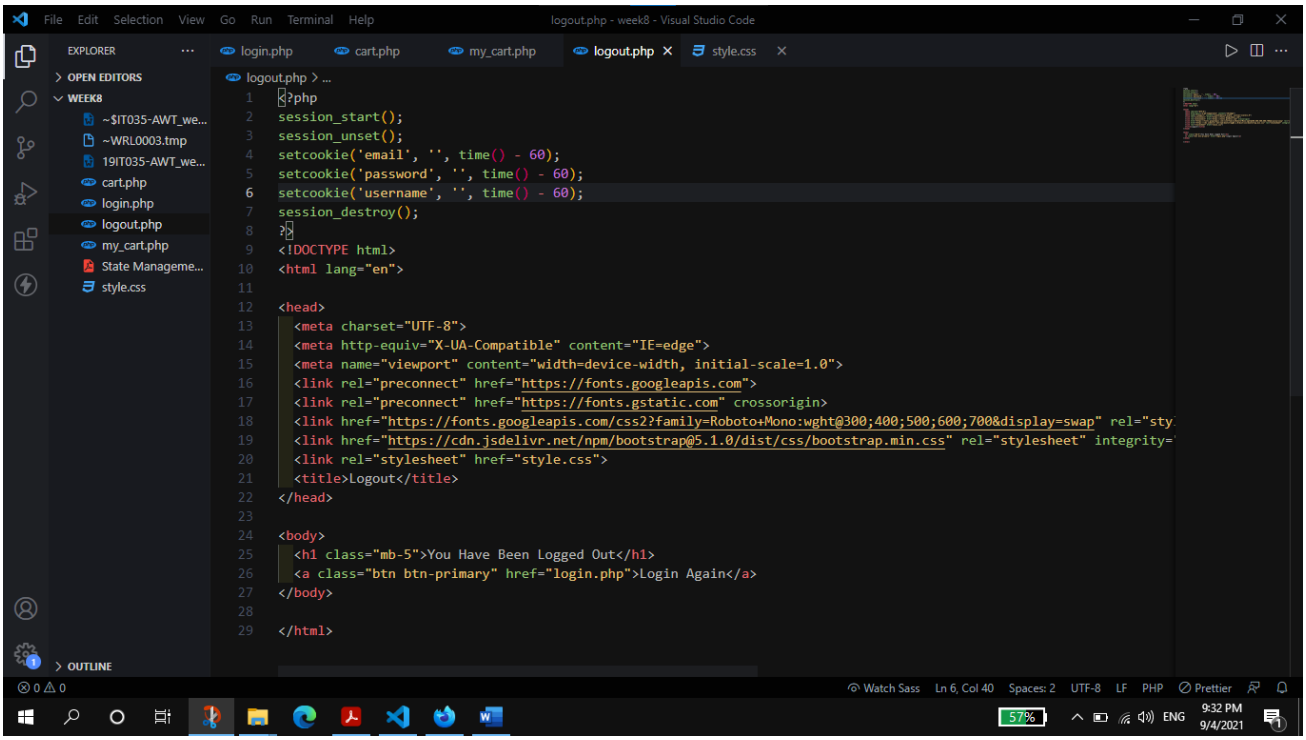


```php
<?php
// print_r($_SESSION);
if (isset($_COOKIE['email'])) {
?>
  <h1 class='my-5'><i class="bi bi-cart3 me-3"></i>My Cart
    <a href='logout.php' class='ms-5 btn btn-danger'>Logout</a>
    <a href='cart.php' class='ms-5 btn btn-danger'>Add Products</a>
  </h1>

  <div class="cart">
    <table class="table table-hover">
      <thead>
        <tr>
          <th scope="col">Item</th>
          <th scope="col">Count</th>
          <th scope="col">Price (/Piece)</th>
          <th scope="col">Price (total)</th>
          <th></th>
        </tr>
      </thead>
      <tbody>
        <?php
        $total_price = 0;
        foreach ($_SESSION['products'] as $key => $val) {
          echo "<tr>
          <td>$key</td>
          <td>$val</td>
          <td>&#8377;" . $_SESSION['products_price'][$key] . "</td>
          <td>&#8377;" . $_SESSION['products_price'][$key] * $val . "</td>
          <td><form method='POST'>
          <div class='input-group mb-3'>
```



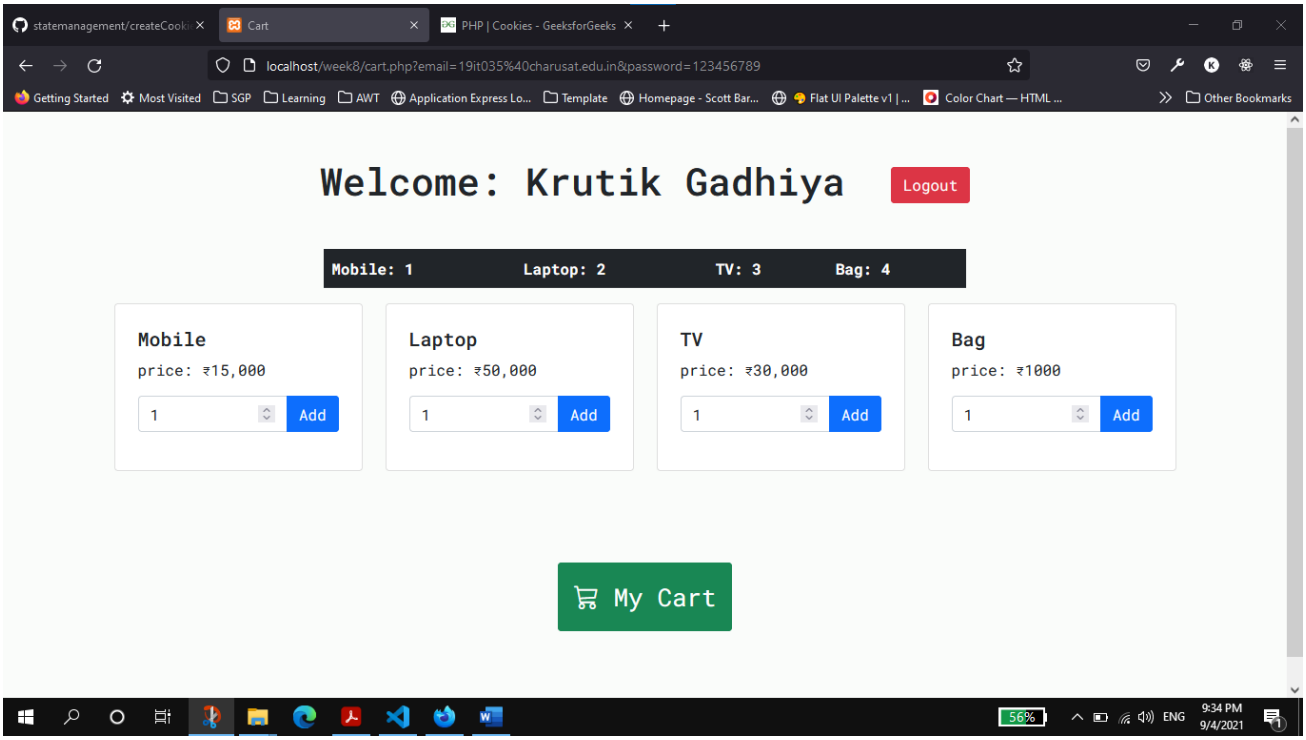
```php
          <div class='input-group mb-3'>
            <input style='display: none' type='number' class='form-control' name='value' value='-1' placeholder=
            <button class='btn btn-primary' type='submit' name='product' value=" . $key . ">Delete</button>
          </div>
        </form></td>
        </tr>";
          $total_price += $_SESSION['products_price'][$key] * $val;
        }
        ?>
        <tr style="text-align: center; background: #ccc; font-weight: 600;">
          <td colspan="2">Total: </td>
          <td colspan="3">&#8377;<?php echo $total_price ?></td>
        </tr>
      </tbody>

    </table>
  </div>

<?php
} else {
?>
  <h1 class='my-5'>You Need To Be LoggedIn to access this Page!!!</h1>
  <a class='btn btn-primary' href='login.php'>Login Again</a>
<?php
}
?>
</body>

</html>
```

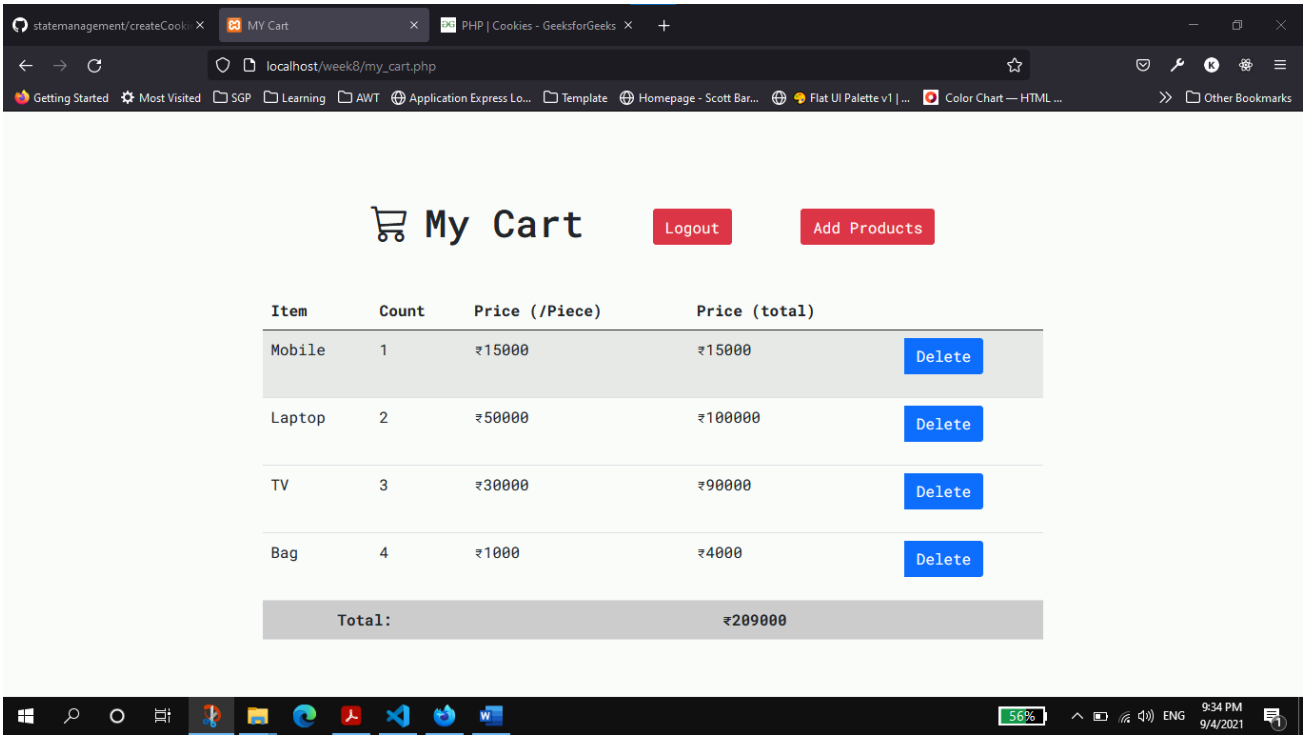
Logout.php

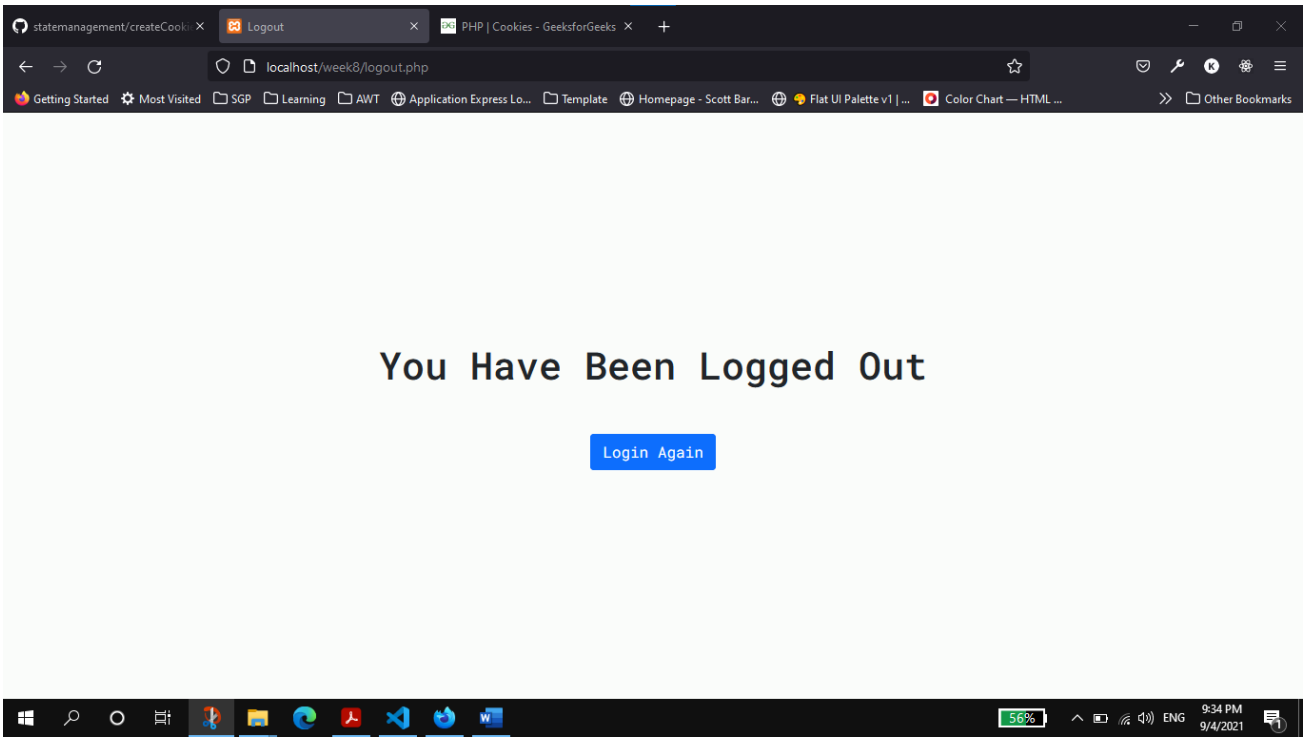


```php
<?php
session_start();
session_unset();
setcookie('email', '', time() - 60);
setcookie('password', '', time() - 60);
setcookie('username', '', time() - 60);
session_destroy();
?>
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link href="https://fonts.googleapis.com/css2?family=Roboto+Mono:wght@300;400;500;600;700&display=swap" rel="sty
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity=
  <link rel="stylesheet" href="style.css">
  <title>Logout</title>
</head>

<body>
  <h1 class="mb-5">You Have Been Logged Out</h1>
  <a class="btn btn-primary" href="login.php">Login Again</a>
</body>

</html>
```

Output:




MY Cart
PHP | Cookies - GeeksforGeeks
localhost/week8/my_cart.php
My Cart
Logout
Add Products
Item Count Price (/Piece) Price (total)
Mobile 1 ₹15000 ₹15000 Delete
Laptop 2 ₹50000 ₹100000 Delete
TV 3 ₹30000 ₹90000 Delete
Bag 4 ₹1000 ₹4000 Delete
Total: ₹209000


Logout
PHP | Cookies - GeeksforGeeks
localhost/week8/logout.php
You Have Been Logged Out
Login Again