

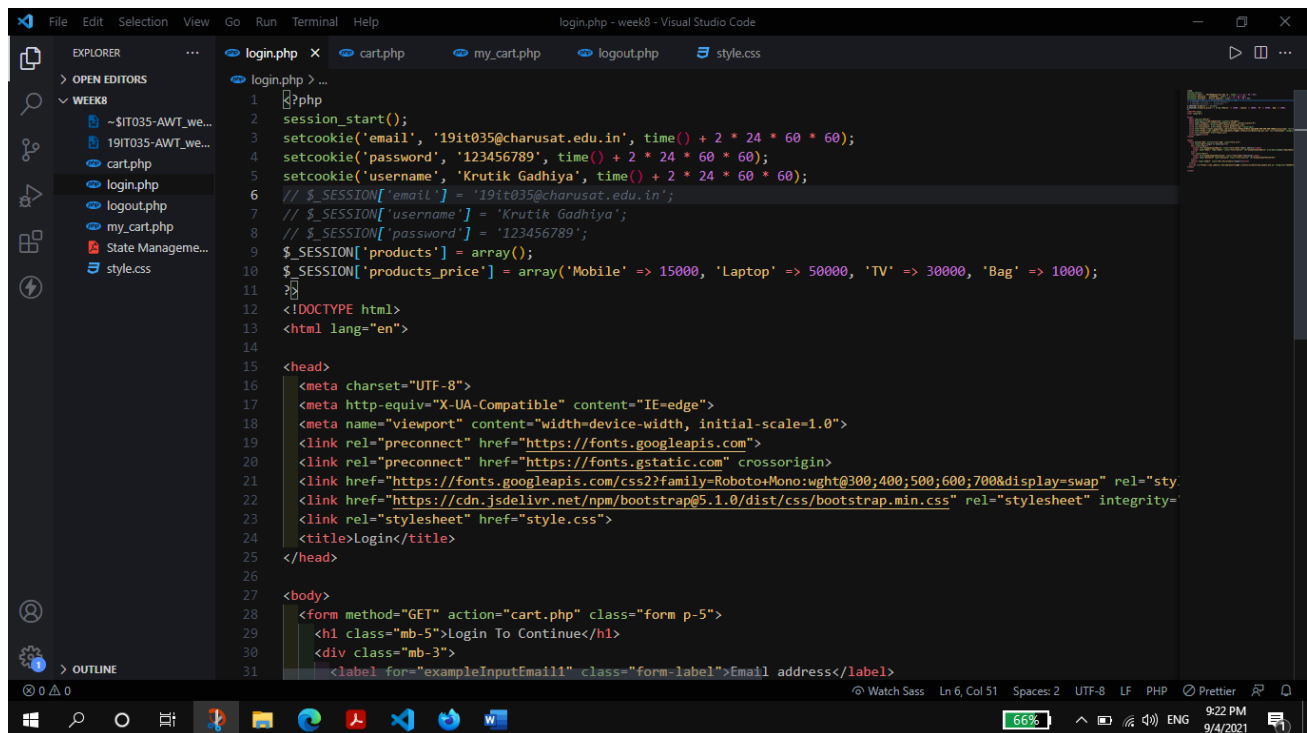
AWT Practical Week - 8 Task

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.

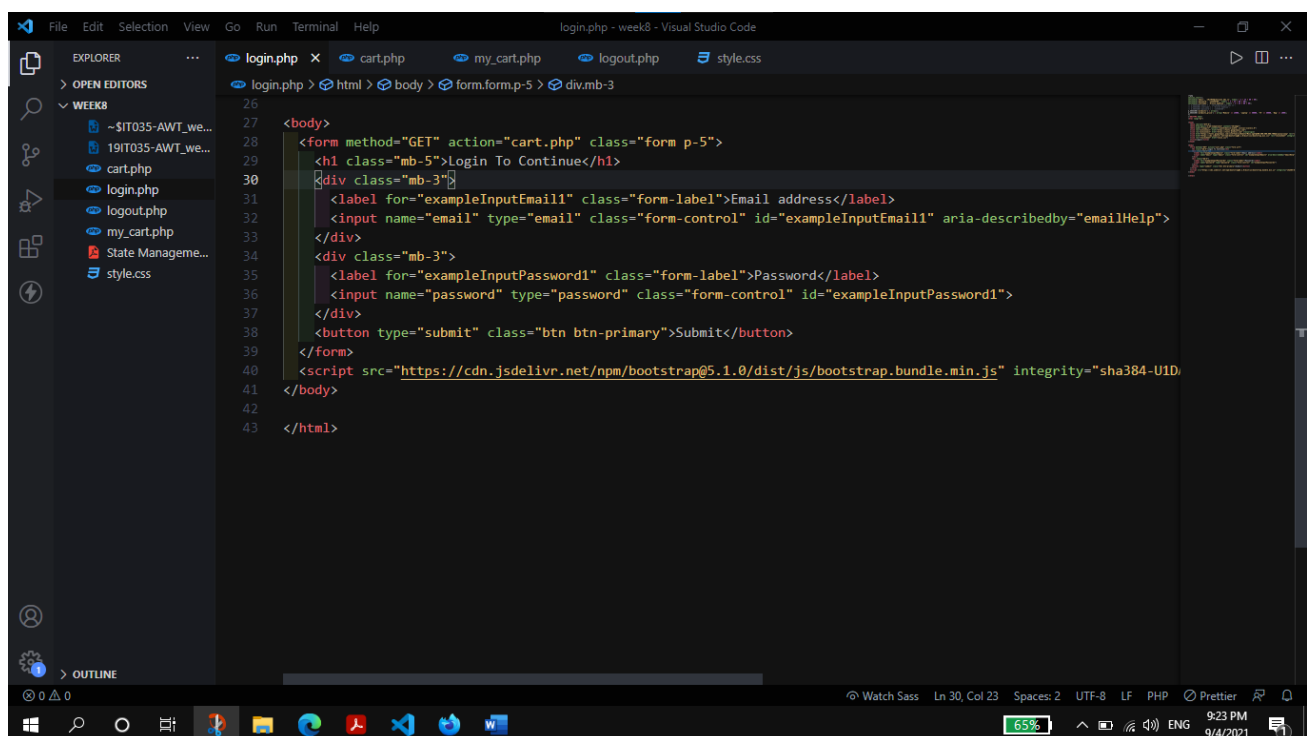
Code:



```

1  <?php
2  session_start();
3  setcookie('email', '19it035@charusat.edu.in', time() + 2 * 24 * 60 * 60);
4  setcookie('password', '123456789', time() + 2 * 24 * 60 * 60);
5  setcookie('username', 'Krutik Gadhiya', time() + 2 * 24 * 60 * 60);
6  // $_SESSION['email'] = '19it035@charusat.edu.in';
7  // $_SESSION['username'] = 'Krutik Gadhiya';
8  // $_SESSION['password'] = '123456789';
9  $_SESSION['products'] = array();
10 $_SESSION['products_price'] = array('Mobile' => 15000, 'Laptop' => 50000, 'TV' => 30000, 'Bag' => 1000);
11
12 <!DOCTYPE html>
13 <html lang="en">
14
15 <head>
16     <meta charset="UTF-8">
17     <meta http-equiv="X-UA-Compatible" content="IE=edge">
18     <meta name="viewport" content="width=device-width, initial-scale=1.0">
19     <link rel="preconnect" href="https://fonts.googleapis.com">
20     <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
21     <link href="https://fonts.googleapis.com/css2?family=Roboto+Mono:wght@300;400;500;600;700&display=swap" rel="sty
22     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity=
23     <link rel="stylesheet" href="style.css">
24 </head>
25
26 <body>
27     <form method="GET" action="cart.php" class="form p-5">
28     <h1 class="mb-5">Login To Continue</h1>
29     <div class="mb-3">
30         <label for="exampleInputEmail1" class="form-label">Email address</label>

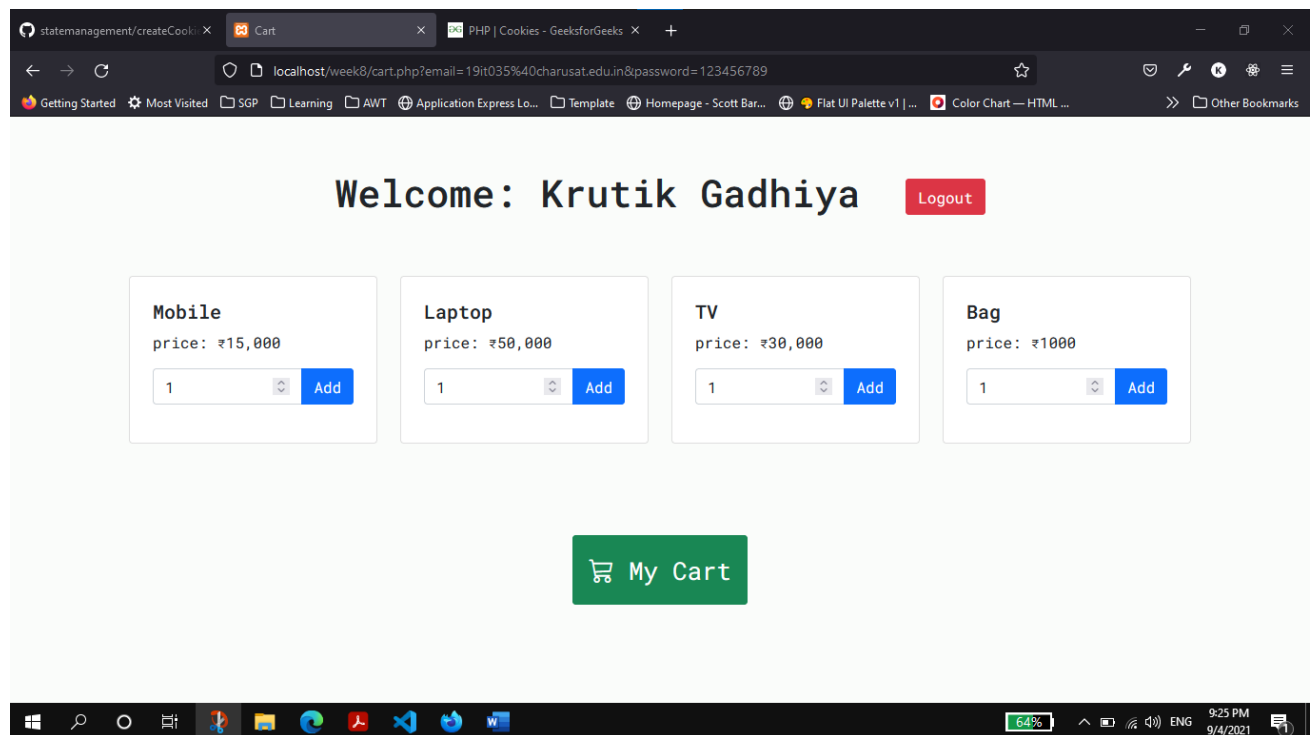
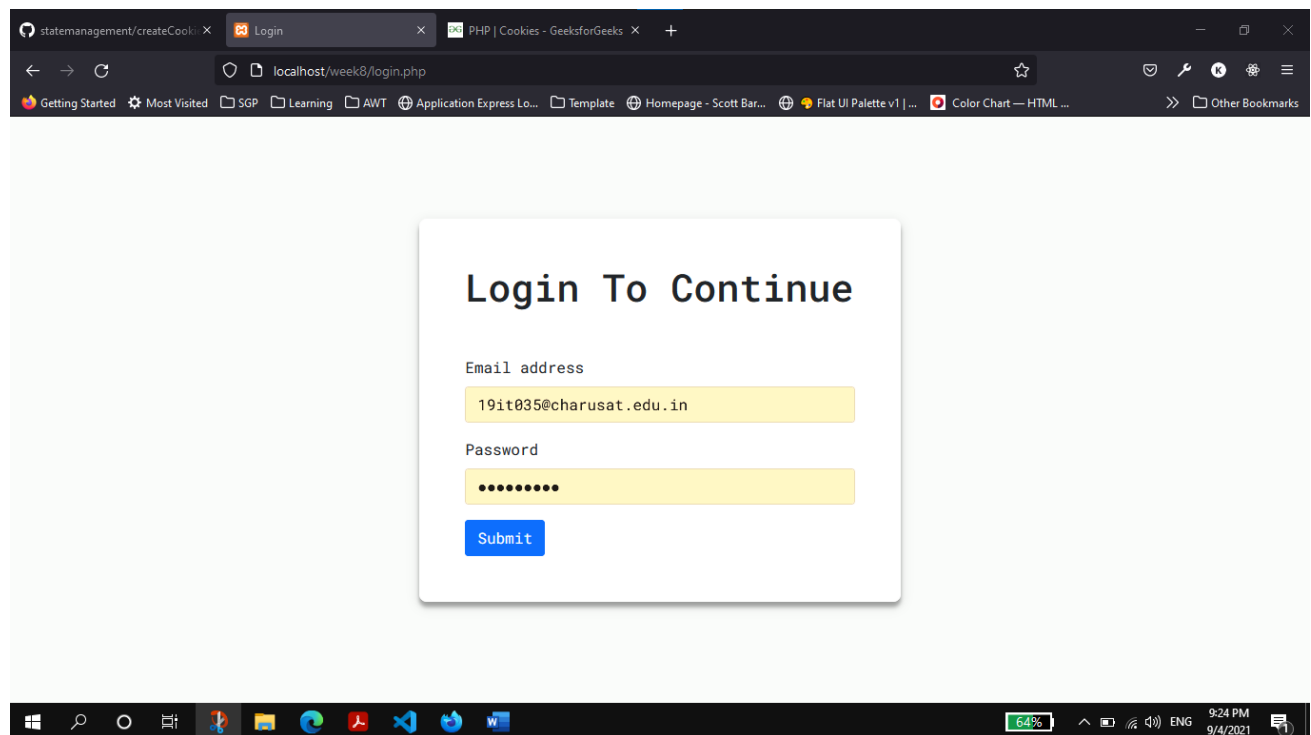
```

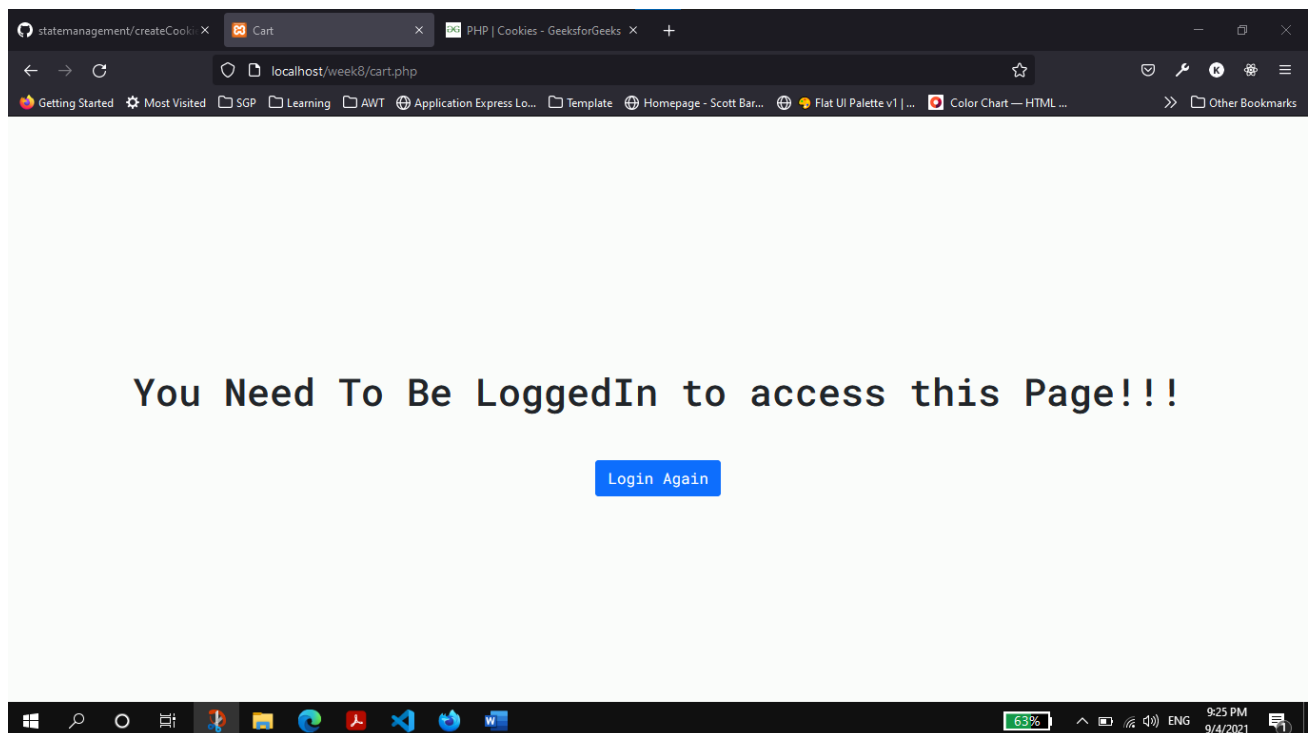


```

26
27 <body>
28     <form method="GET" action="cart.php" class="form p-5">
29     <h1 class="mb-5">Login To Continue</h1>
30     <div class="mb-3">
31         <label for="exampleInputEmail1" class="form-label">Email address</label>
32         <input name="email" type="email" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp">
33     </div>
34     <div class="mb-3">
35         <label for="exampleInputPassword1" class="form-label">Password</label>
36         <input name="password" type="password" class="form-control" id="exampleInputPassword1">
37     </div>
38     <button type="submit" class="btn btn-primary">Submit</button>
39 </form>
40 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/js/bootstrap.bundle.min.js" integrity="sha384-U1D
41 </body>
42
43 </html>

```

Output:

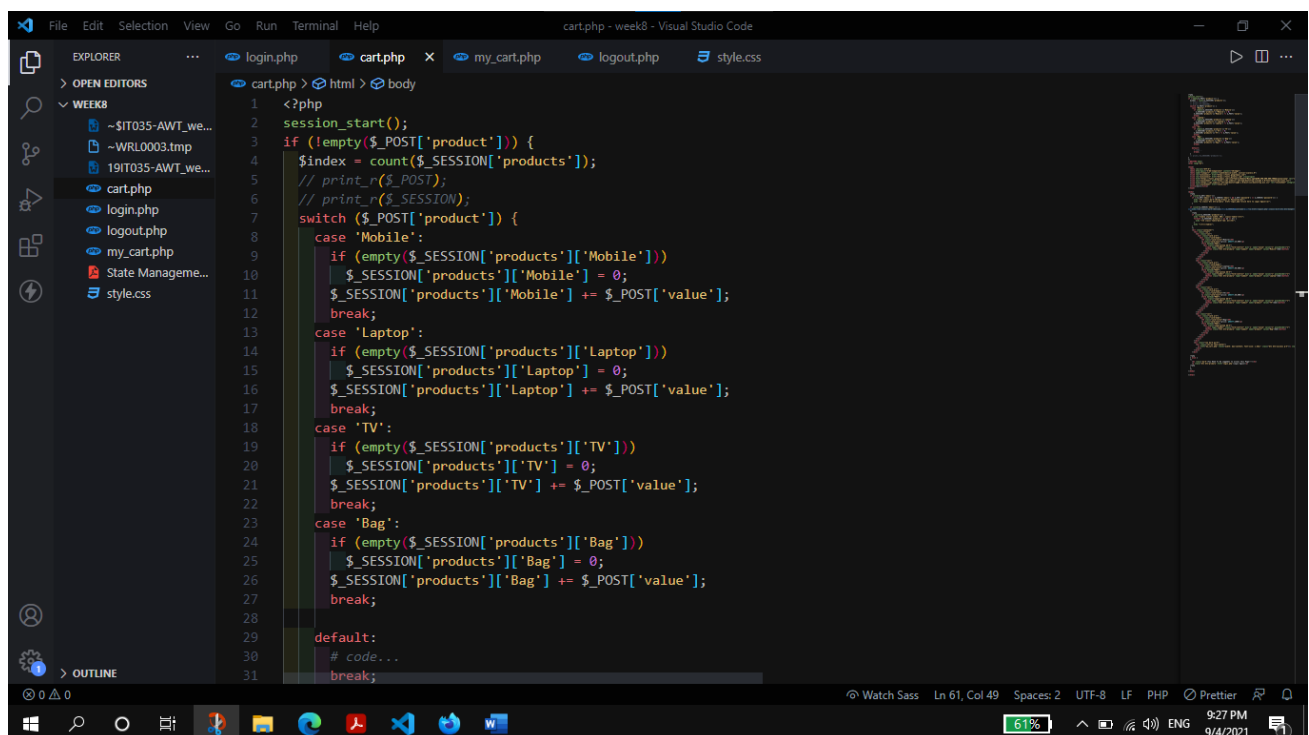


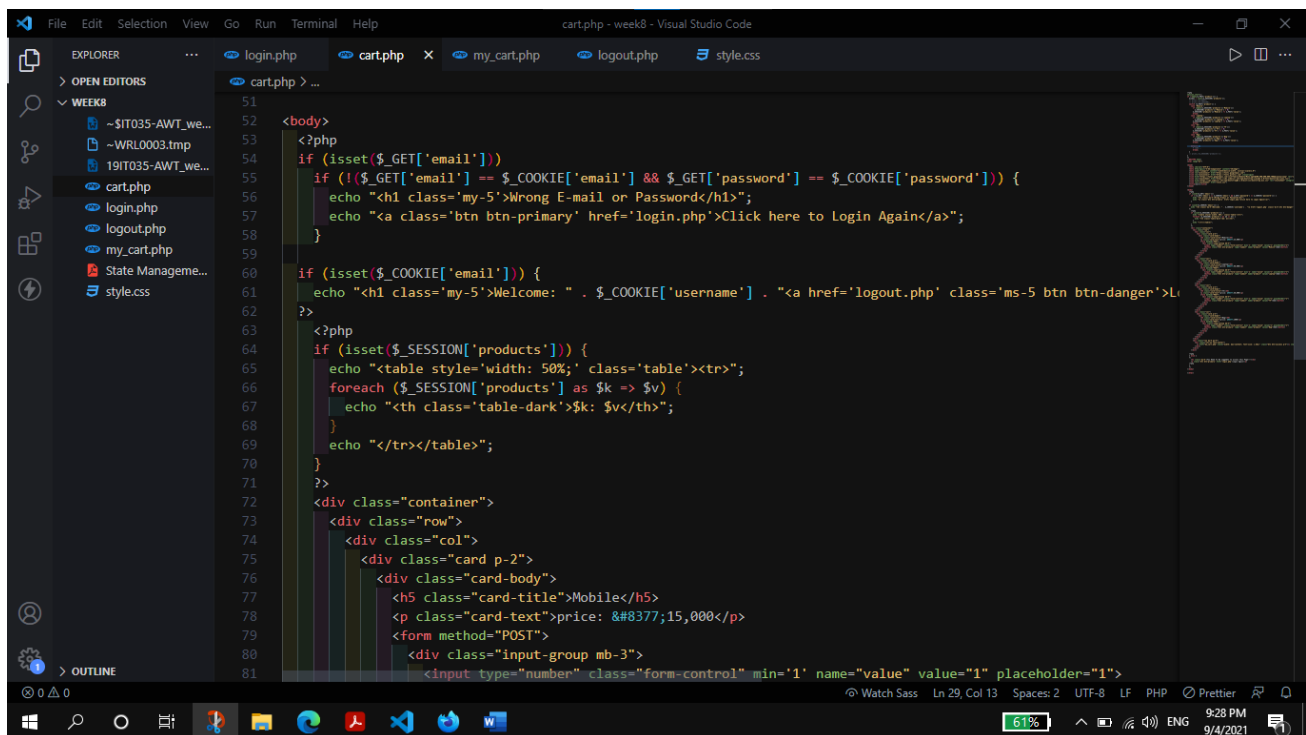
2) Create simple shopping cart page(mycart.php) as below (use session and cookies)

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

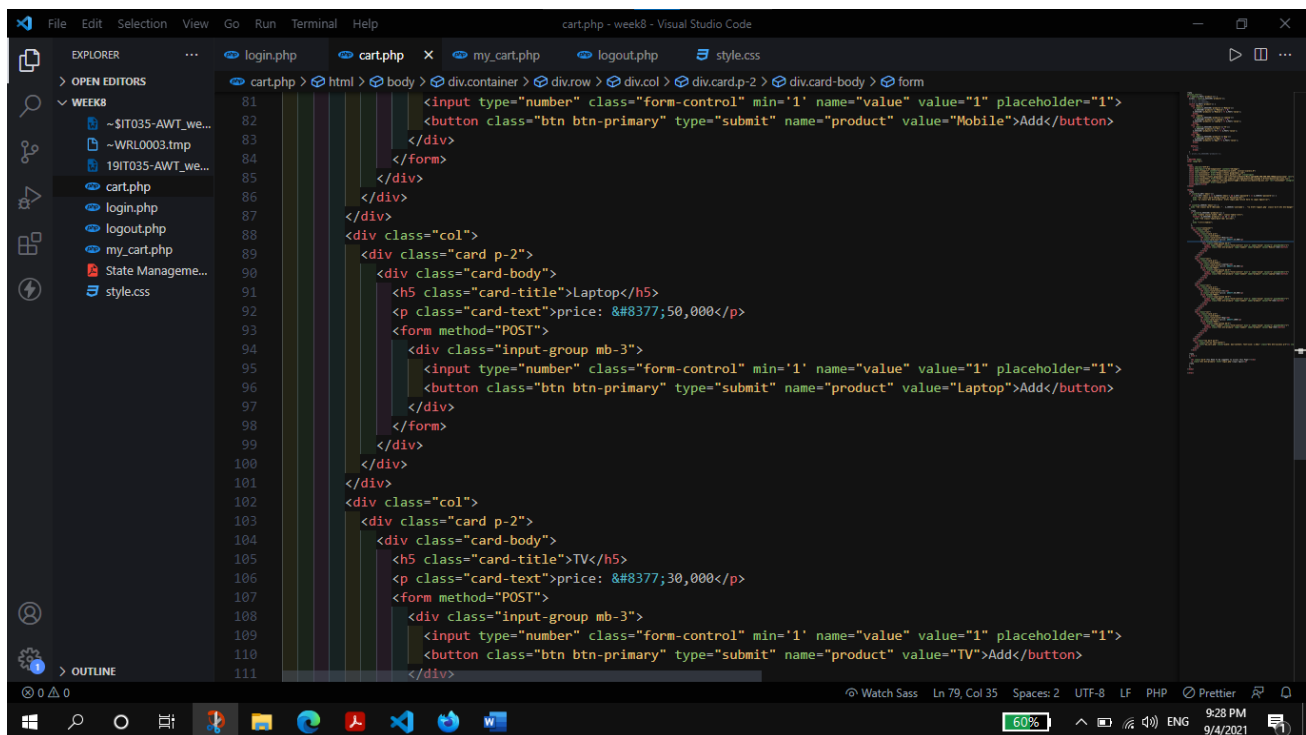
Code:

Cart.php

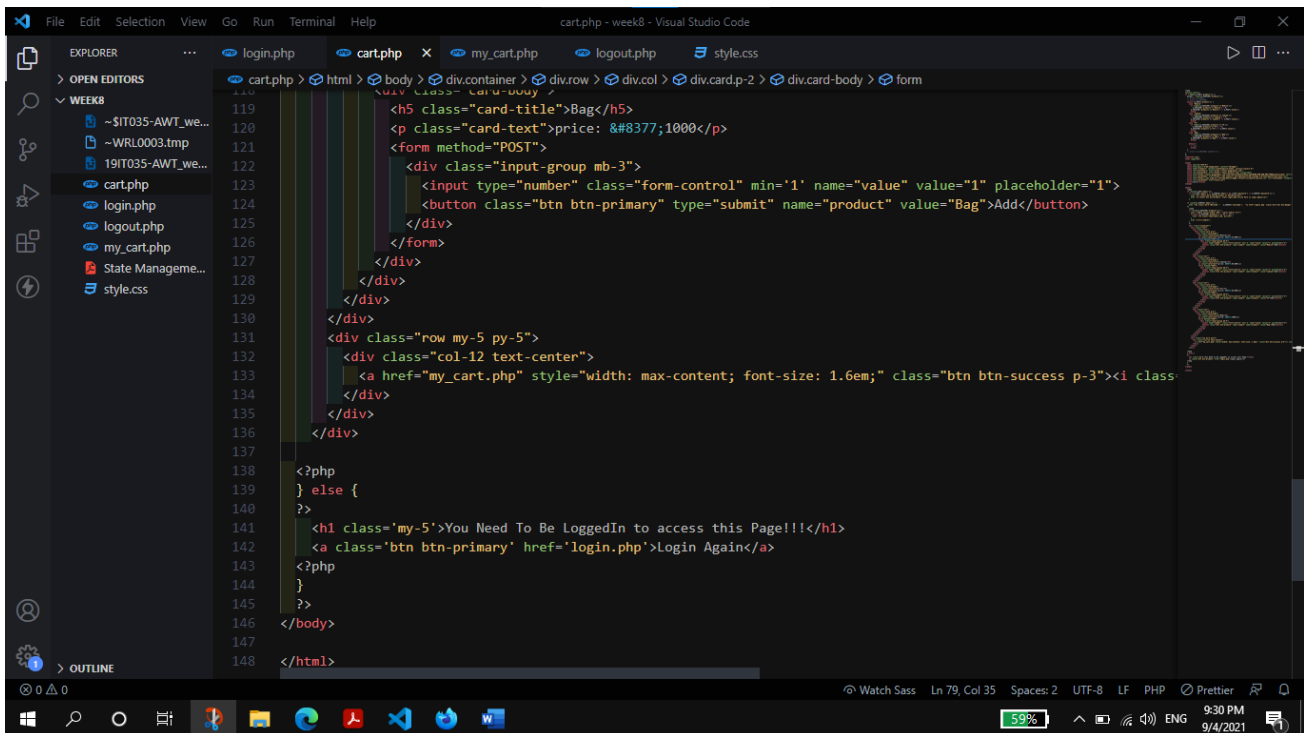




```
51 <body>
52 <?php
53 if (isset($_GET['email']))
54 if (!($_GET['email'] == $_COOKIE['email'] && $_GET['password'] == $_COOKIE['password'])) {
55     echo "<h1 class='my-5'>Wrong E-mail or Password</h1>";
56     echo "<a class='btn btn-primary' href='login.php'>Click here to Login Again</a>";
57 }
58 }
59 if (isset($_COOKIE['email'])) {
60     echo "<h1 class='my-5'>Welcome: " . $_COOKIE['username'] . " <a href='logout.php' class='ms-5 btn btn-danger'>Logout</a>";
61 }
62 <?php
63 if (isset($_SESSION['products'])) {
64     echo "<table style='width: 50%;' class='table'><tr>";
65     foreach ($_SESSION['products'] as $k => $v) {
66         echo "<th class='table-dark'>$k</th>";
67     }
68     echo "</tr></table>";
69 }
70 }
71 }
72 <div class='container'>
73 <div class='row'>
74 <div class='col'>
75 <div class='card p-2'>
76 <div class='card-body'>
77 <h5 class='card-title'>Mobile</h5>
78 <p class='card-text'>price: &#8377;15,000</p>
79 <form method='POST'>
80 <div class='input-group mb-3'>
81 <input type='number' class='form-control' min='1' name='value' value='1' placeholder='1'>
```

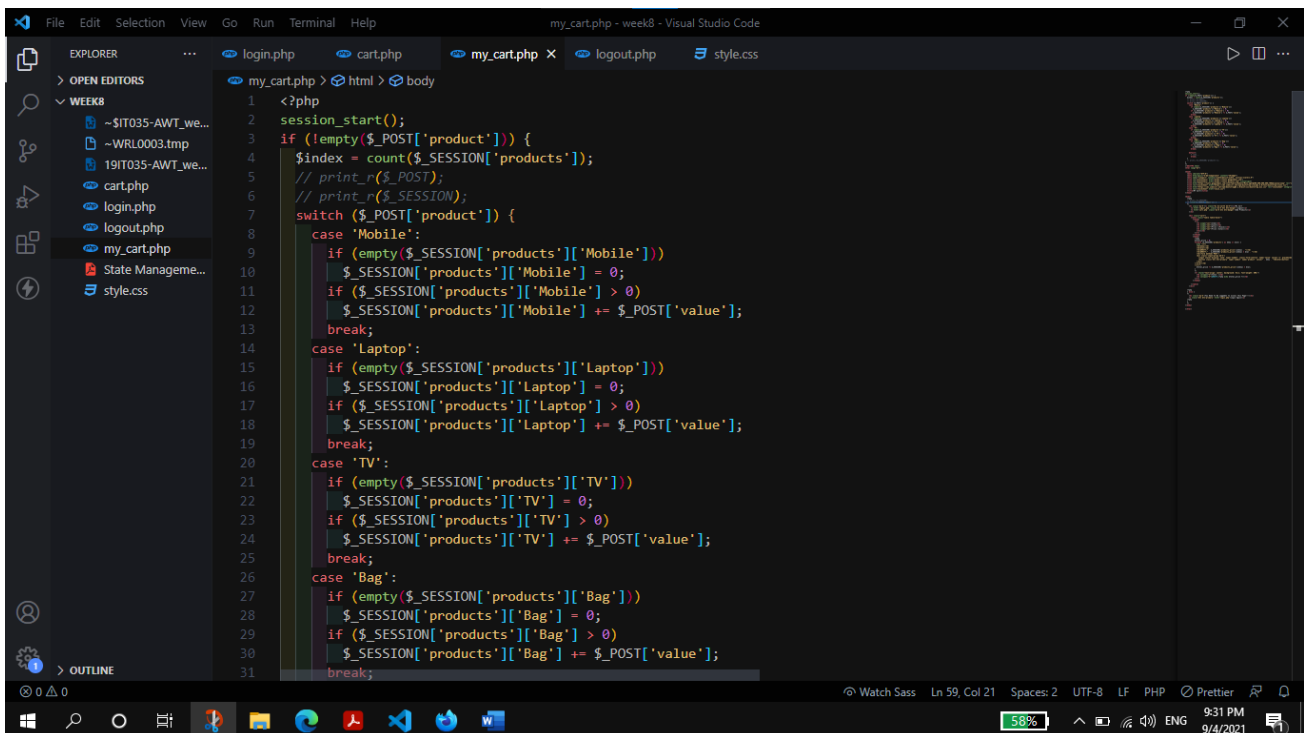


```
81 <input type='number' class='form-control' min='1' name='value' value='1' placeholder='1'>
82 <button class='btn btn-primary' type='submit' name='product' value='Mobile'>Add</button>
83 </div>
84 </form>
85 </div>
86 </div>
87 </div>
88 <div class='col'>
89 <div class='card p-2'>
90 <div class='card-body'>
91 <h5 class='card-title'>Laptop</h5>
92 <p class='card-text'>price: &#8377;50,000</p>
93 <form method='POST'>
94 <div class='input-group mb-3'>
95 <input type='number' class='form-control' min='1' name='value' value='1' placeholder='1'>
96 <button class='btn btn-primary' type='submit' name='product' value='Laptop'>Add</button>
97 </div>
98 </form>
99 </div>
100 </div>
101 </div>
102 <div class='col'>
103 <div class='card p-2'>
104 <div class='card-body'>
105 <h5 class='card-title'>TV</h5>
106 <p class='card-text'>price: &#8377;30,000</p>
107 <form method='POST'>
108 <div class='input-group mb-3'>
109 <input type='number' class='form-control' min='1' name='value' value='1' placeholder='1'>
110 <button class='btn btn-primary' type='submit' name='product' value='TV'>Add</button>
111 </div>
```

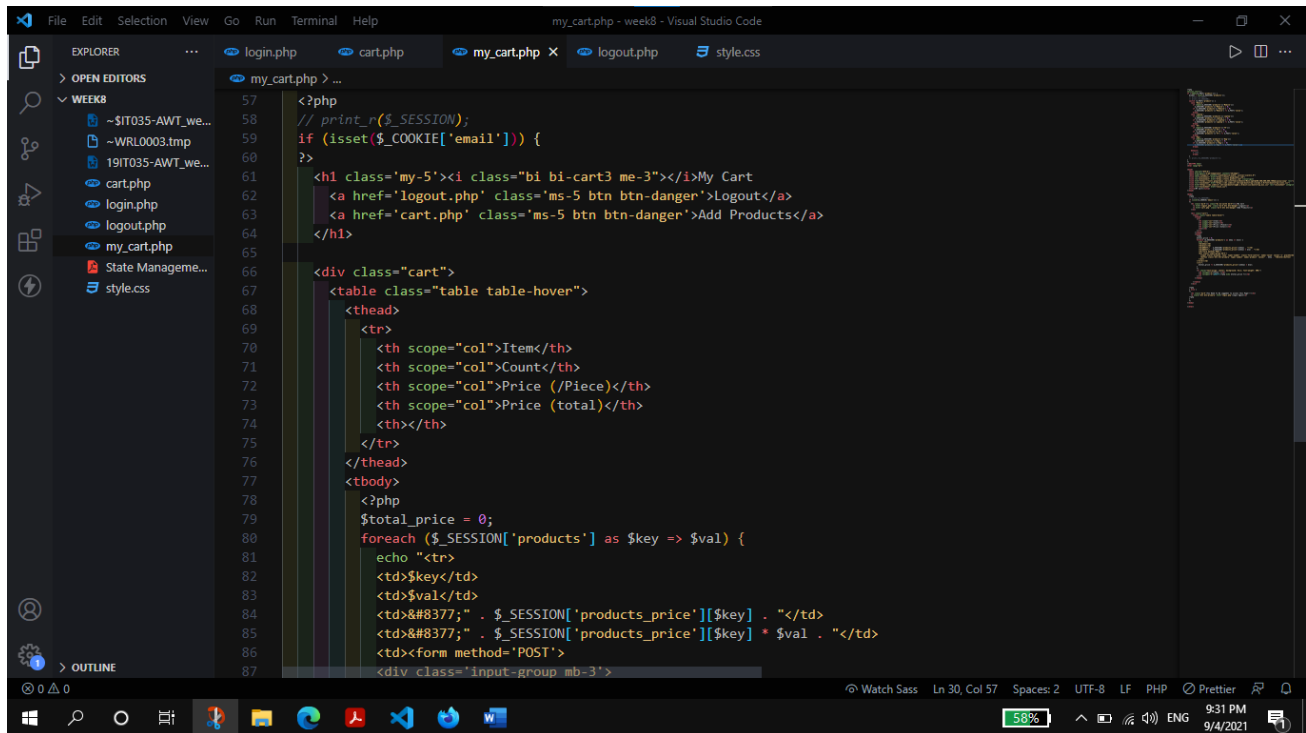


```
119 <div class="card-body">
120 <h5 class="card-title">Bag</h5>
121 <p class="card-text">price: &#8377;1000</p>
122 <form method="POST">
123 <div class="input-group mb-3">
124 <input type="number" class="form-control" min="1" name="value" value="1" placeholder="1">
125 <button class="btn btn-primary" type="submit" name="product" value="Bag">Add</button>
126 </div>
127 </form>
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>
```

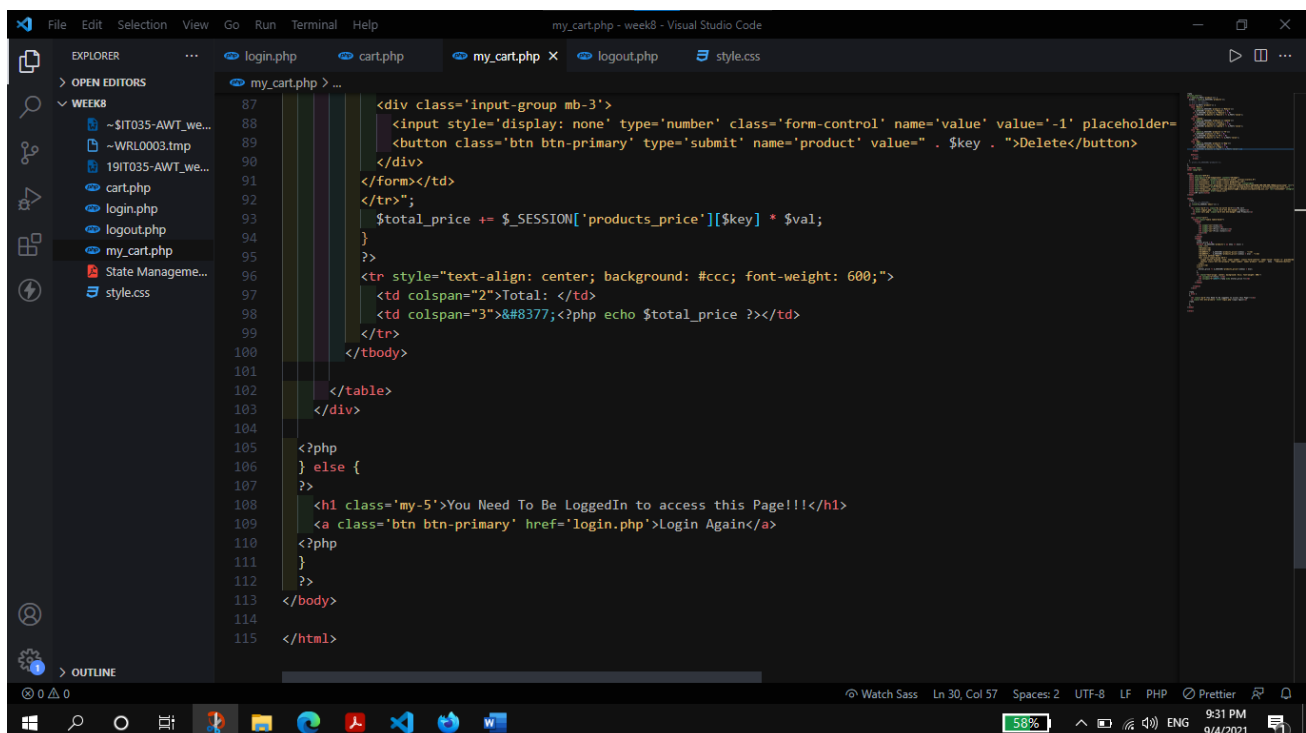
My_cart.php



```
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'][$_SESSION['products']]))
10                 $_SESSION['products'][$_SESSION['products']] = 0;
11             if ($_SESSION['products'][$_SESSION['products']] > 0)
12                 $_SESSION['products'][$_SESSION['products']] += $_POST['value'];
13             break;
14         case 'Laptop':
15             if (empty($_SESSION['products'][$_SESSION['products']]))
16                 $_SESSION['products'][$_SESSION['products']] = 0;
17             if ($_SESSION['products'][$_SESSION['products']] > 0)
18                 $_SESSION['products'][$_SESSION['products']] += $_POST['value'];
19             break;
20         case 'TV':
21             if (empty($_SESSION['products'][$_SESSION['products']]))
22                 $_SESSION['products'][$_SESSION['products']] = 0;
23             if ($_SESSION['products'][$_SESSION['products']] > 0)
24                 $_SESSION['products'][$_SESSION['products']] += $_POST['value'];
25             break;
26         case 'Bag':
27             if (empty($_SESSION['products'][$_SESSION['products']]))
28                 $_SESSION['products'][$_SESSION['products']] = 0;
29             if ($_SESSION['products'][$_SESSION['products']] > 0)
30                 $_SESSION['products'][$_SESSION['products']] += $_POST['value'];
31             break;
```



```
57 <?php
58 // print_r($_SESSION);
59 if (isset($_COOKIE['email'])) {
60 }
61 <h1 class='my-5'><i class="bi bi-cart3 me-3"></i>My Cart
62 <a href='logout.php' class='ms-5 btn btn-danger'>Logout</a>
63 <a href='cart.php' class='ms-5 btn btn-danger'>Add Products</a>
64 </h1>
65
66 <div class="cart">
67 <table class="table table-hover">
68 <thead>
69 <tr>
70 <th scope="col">Item</th>
71 <th scope="col">Count</th>
72 <th scope="col">Price (/Piece)</th>
73 <th scope="col">Price (total)</th>
74 </tr>
75 </thead>
76 <tbody>
77 <tr>
78 <td colspan="4">
79 <?php
80 $total_price = 0;
81 foreach ($_SESSION['products'] as $key => $val) {
82 echo "<tr>
83 <td>$key</td>
84 <td>$val</td>
85 <td>&#8377; . $_SESSION['products_price'][$key] . "</td>
86 <td>&#8377; . $_SESSION['products_price'][$key] * $val . "</td>
87 <td><form method='POST'>
```



```
87 <div class='input-group mb-3'>
88 <input style='display: none' type='number' class='form-control' name='value' value='-1' placeholder=
89 <button class='btn btn-primary' type='submit' name='product' value=" . $key . ">Delete</button>
90 </div>
91 </form></td>
92 </tr>";
93 $total_price += $_SESSION['products_price'][$key] * $val;
94 }
95 <?php
96 <tr style="text-align: center; background: #ccc; font-weight: 600;">
97 <td colspan="2">Total: </td>
98 <td colspan="3">&#8377;<?php echo $total_price ?></td>
99 </tr>
100 </tbody>
101 </table>
102 </div>
103
104 <?php
105 } else {
106 }
107 <?php
108 <h1 class='my-5'>You Need To Be LoggedIn to access this Page!!!</h1>
109 <a class='btn btn-primary' href='login.php'>Login Again</a>
110 <?php
111 }
112 <?php
113 </body>
114
115 </html>
```

Logout.php

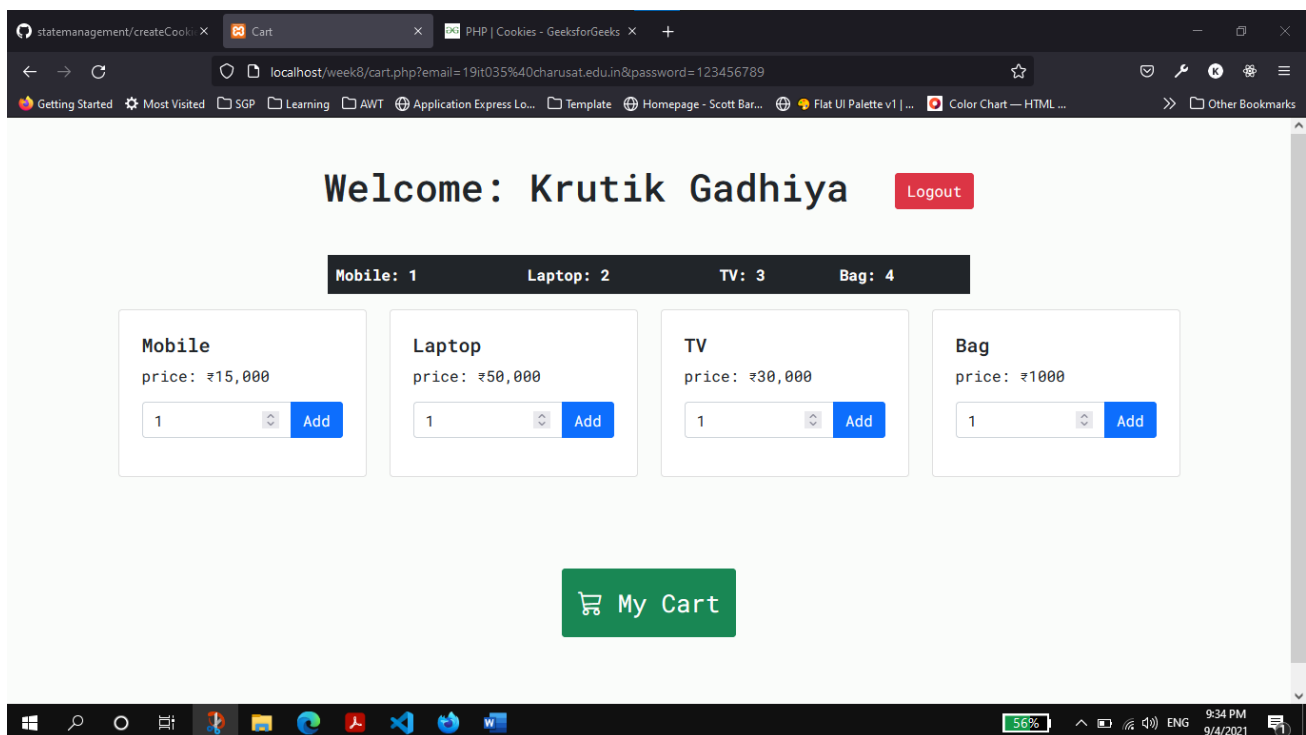
The screenshot shows the Visual Studio Code interface with the 'logout.php' file open. The Explorer sidebar on the left lists the following files: 'login.php', 'cart.php', 'my_cart.php', 'logout.php', 'style.css', and 'State Manageme...'. The main editor area displays the PHP code for 'logout.php', which includes session management and HTML output for a 'Logged Out' message with a 'Login Again' button. The status bar at the bottom shows 'Ln 6, Col 40' and a 57% zoom level.

```

1  <?php
2  session_start();
3  session_unset();
4  setcookie('email', '', time() - 60);
5  setcookie('password', '', time() - 60);
6  setcookie('username', '', time() - 60);
7  session_destroy();
8
9  <!DOCTYPE html>
10 <html lang="en">
11
12 <head>
13     <meta charset="UTF-8">
14     <meta http-equiv="X-UA-Compatible" content="IE=edge">
15     <meta name="viewport" content="width=device-width, initial-scale=1.0">
16     <link rel="preconnect" href="https://fonts.googleapis.com">
17     <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
18     <link href="https://fonts.googleapis.com/css2?family=Roboto+Mono:wght@300;400;500;600;700&display=swap" rel="sty
19     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity=
20     <link rel="stylesheet" href="style.css">
21 </head>
22 <body>
23
24 <div class="mb-5">
25     <h1 class="mb-5">You Have Been Logged Out</h1>
26     <a class="btn btn-primary" href="login.php">Login Again</a>
27 </div>
28
29 </body>
30 </html>

```

Output:



The image shows two screenshots of a web browser. The top screenshot displays a shopping cart page titled "My Cart" with a shopping cart icon. It includes "Logout" and "Add Products" buttons. A table lists items in the cart: Mobile (1 unit, ₹15000), Laptop (2 units, ₹50000), TV (3 units, ₹30000), and Bag (4 units, ₹1000). Each item has a "Delete" button. The total price is ₹209000. The bottom screenshot shows a "Logout" page with the text "You Have Been Logged Out" and a "Login Again" button. Both screenshots show a Windows taskbar at the bottom with various application icons and a system tray showing 56% battery and the time 9:34 PM on 9/4/2021.

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	

You Have Been Logged Out

Login Again