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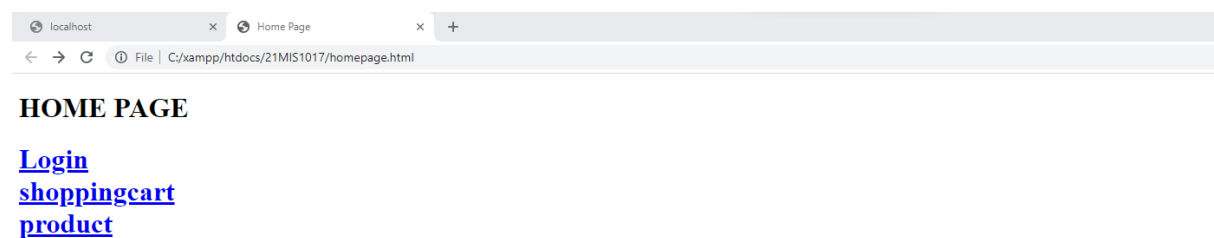
Reg no:21MIS1017

PAT:2

Home page:

```
<!DOCTYPE html>
<html>
<head>
<title>Home Page </title>
</head>
<body>
  <h1> HOME PAGE</h1>
  <h1></h1><a href="c:\xampp\htdocs\21MIS1017\login.html"> Login </a></br>
  <a href="C:\xampp\htdocs\21MIS1017\shoppingcart.html"> shoppingcart
</a></br>
  <a href="C:/xampp/htdocs/21MIS1017/productcat.html"> product </a></h1>
</body>
</html>
```

Output:



Login code:

Login.html

```
<!DOCTYPE html>
<html>
<head>
<title>Log in </title>
<style>
body {
font-family: Arial, sans-serif;
margin: 0;
padding: 0;
background: linear-gradient(135deg, red, rgb(10, 7, 7));
}
.container {
max-width: 500px;
margin: 50px auto;
padding: 20px;
background-color: rgba(255, 255, 255, 0.907);
box-shadow: 0 0 10px rgba(0, 0, 0, 0.3);
border-radius: 8px;
}
h1 {
text-align: center;
color: #000;
}
form {
margin-top: 30px;
}
label {
display: block;
margin-bottom: 5px;
color: #000;
}
input[type="text"],
input[type="email"],
input[type="password"] {
width: 95%;
padding: 10px;
```

```

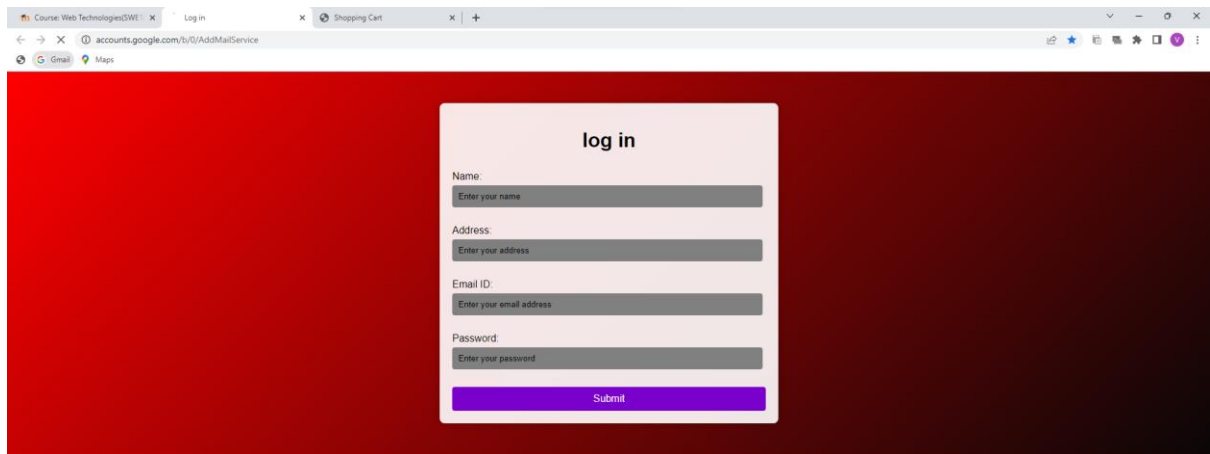
border: none;
border-radius: 4px;
margin-bottom: 10px;
background-color: grey;
color: #000;
}
input[type="text"]::placeholder,
input[type="email"]::placeholder,
input[type="password"]::placeholder {
color: black;
}
input[type="submit"] {
width: 100%;
padding: 10px;
background-color: #7a00cc;
border: none;
color: #fff;
cursor: pointer;
border-radius: 4px;
font-size: 16px;
}
input[type="submit"]:hover {
background-color: #5e0099;
}
</style>
</head>
<body>
<div class="container">
<h1>log in</h1>
<form name="clientForm" action="database.php" method="post">
<label for="name">Name:</label>
<input type="text" name="name" required placeholder="Enter your name"
/><br /><br />
<label for="address">Address:</label>
<input type="text" name="address" required placeholder="Enter your
address" /><br /><br />
<label for="email">Email ID:</label>
<input type="email" name="email" required placeholder="Enter your
email address" /><br /><br />
<label for="password">Password:</label>
<input type="password" name="password" required placeholder="Enter
your password" /><br /><br />
<input type="submit" value="Submit">
</form>
</div>
</body>
</html>

```

Login php code:

```
<?php
$name = $_POST["name"] ?? "";
$address = $_POST["address"] ?? "";
$email = $_POST["email"] ?? "";
$password = $_POST["password"] ?? "";
if (empty($name) || empty($address) || empty($email) || empty($password)) {
    die("Error: All input fields are required");
}
if (!preg_match('/^[A-Za-z\s]+$/ ', $name)) {
    die("Error: Name must consist of only alphabets and white spaces");
}

if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
    die("Error: Invalid email address");
}
if (strlen($password) < 8 || strlen($password) > 20) {
    die("Error: Password length should be between 8 and 20");
}
error_reporting(E_ALL);
ini_set('display_errors', 1);
$hostname = 'localhost';
$username = 'root';
$password = '';
$database = 'login';
$connection = mysqli_connect($hostname, $username, $password, $database);
if (!$connection) {
    die("Database connection failed: " . mysqli_connect_error());
}
$name = $_POST['name'];
$address = $_POST['address'];
$dob = $_POST['dob'];
$mobile = $_POST['mobile'];
$email = $_POST['email'];
$username = $_POST['username'];
$password = $_POST['password'];
$name = mysqli_real_escape_string($connection, $name);
$address = mysqli_real_escape_string($connection, $address);
$query = "INSERT INTO logi (name, address, email, password)
VALUES ('$name', '$address', '$email', '$password')";
$result = mysqli_query($connection, $query);
if ($result) {
    echo "Data successfully stored in the database.";
} else {
    echo "Error: " . mysqli_error($connection);
}
mysqli_close($connection);
```



Shopping cart:

Html

```
<!DOCTYPE html>
<html>
<head>
  <title>Shopping Cart</title>
  <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
  <h1>Shopping Cart</h1>
  <form name="clientForm" action="shoppingcart.php" method="post"></form>

  <div class="cart">
    <h2>Your Cart</h2>
    <table>
      <tr>
        <th>Product</th>
        <th>Price</th>
        <th>Quantity</th>
        <th>Action</th>
      </tr>
      <tr>
        <td>Product 1</td>
        <td>$10</td>
        <td><input type="number" name="quantity1" value="0"></td>
        <td><button class="remove-button">Remove</button></td>
      </tr>
    </table>
  </div>
</body>
</html>
```

```

        </tr>
        <tr>
            <td>Product 2</td>
            <td>$15</td>
            <td><input type="number" name="quantity2" value="0"></td>
            <td><button class="remove-button">Remove</button></td>
        </tr>
    </table>
    <button class="update-button">Update Cart</button>
    <h3>Subtotal: $<span class="subtotal"></span></h3>
</div>

</body>
</html>

```

Css:

```

body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
    background-color: yellowgreen;
}

h1, h2, h3 {
    text-align: center;
}

.cart {
    margin: 20px auto;
    width: 400px;
    padding: 20px;
    border: 1px solid lightgray;
    border-radius: 5px;
}

table {
    width: 100%;
}

table th, table td {

```

```
    text-align: left;
    padding: 10px;
}

.remove-button {
    background-color: red;
    color: white;
    border: none;
    padding: 5px 10px;
    border-radius: 3px;
    cursor: pointer;
}

.update-button {
    background-color: dodgerblue;
    color: white;
    padding: 10px;
    border: none;
    border-radius: 5px;
    cursor: pointer;
}

.subtotal {
    font-weight: bold;
}
```

Php:

```
<?php

session_start();

if (!isset($_SESSION['cart'])) {
    $_SESSION['cart'] = [];
}

if ($_SERVER['REQUEST_METHOD'] === 'POST') {

    foreach ($_POST as $key => $value) {

        $_SESSION['cart'][$key] = $value;
    }
}
```

```

$subTotal = 0;
$products = [
    'product1' => ['name' => 'Product 1', 'price' => 10],
    'product2' => ['name' => 'Product 2', 'price' => 15]
];

foreach ($_SESSION['cart'] as $key => $quantity) {
    if (isset($products[$key])) {
        $subTotal += $products[$key]['price'] * $quantity;
    }
}
?>

<!DOCTYPE html>
<html>
<head>
    <title>Shopping Cart</title>
    <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
    <h1>Shopping Cart</h1>

    <div class="cart">
        <h2>Your Cart</h2>
        <form action="script.php" method="POST">
            <table>
                <tr>
                    <th>Product</th>
                    <th>Price</th>
                    <th>Quantity</th>
                    <th>Action</th>
                </tr>
                <tr>
                    <td><?php echo $products['product1']['name']; ?></td>
                    <td><?php echo $products['product1']['price']; ?></td>
                    <td><input type="number" name="product1" value="<?php echo
$_SESSION['cart']['product1'] ?? 0; ?>"></td>
                    <td><button class="remove-button">Remove</button></td>
                </tr>
                <tr>
                    <td><?php echo $products['product2']['name']; ?></td>
                    <td><?php echo $products['product2']['price']; ?></td>
                    <td><input type="number" name="product2" value="<?php echo
$_SESSION['cart']['product2'] ?? 0; ?>"></td>
                    <td><button class="remove-button">Remove</button></td>
                </tr>
            </table>

```



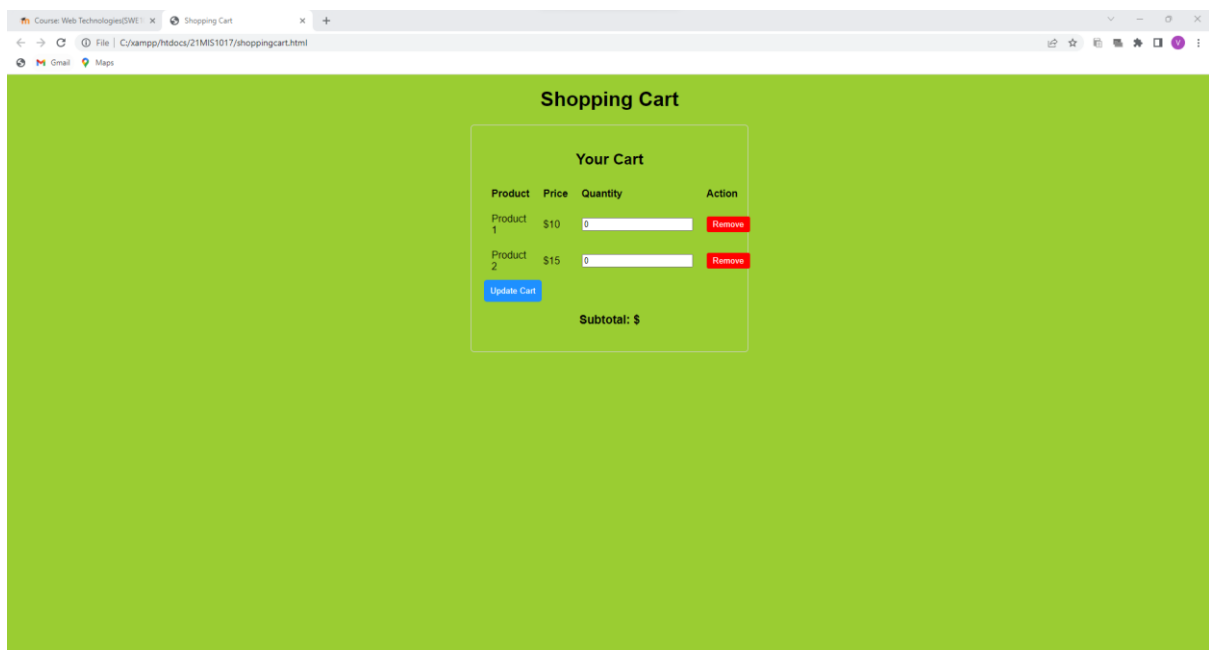
```

        <button class="update-button">Update Cart</button>
        <h3>Subtotal: $<span class="subtotal"><?php echo $subTotal;
?></span></h3>
    </form>
</div>

</body>
</html>

```

Output:



Product catalog:

Html

```

<!DOCTYPE html>
<html>

```

```

<head>
  <title>Product Catalog</title>
  <link rel="stylesheet" type="text/css" href="product.css">
</head>
<body>
  <h1>Product Catalog</h1>

  <form method="GET" action="product.php">
    <input type="text" name="search" placeholder="Search products...">
    <button type="submit">Search</button>
  </form>

  <?php

    $products = [
      ['id' => 1, 'name' => 'Product 1', 'price' => 10],
      ['id' => 2, 'name' => 'Product 2', 'price' => 20],
      ['id' => 3, 'name' => 'Product 3', 'price' => 30],
      ['id' => 4, 'name' => 'Product 4', 'price' => 40],
    ];

    foreach ($products as $product) {
      echo '<div class="product">';
      echo '<h2>' . $product['name'] . '</h2>';
      echo '<p>Price: $' . $product['price'] . '</p>';
      echo '</div>';
    }

  ?>
</body>
</html>

```

Css:

```

body {
  font-family: Arial, sans-serif;
  background-color: #f7f7f7;
  padding: 20px;
}

h1 {
  text-align: center;
}

form {
  margin-bottom: 20px;
}

```

```

}

.product {
  background-color: #fff;
  border-radius: 5px;
  padding: 10px;
  margin-bottom: 10px;
  box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
}

.product h2 {
  margin-top: 0;
}

.product p {
  margin-bottom: 0;
}

```

Php:

```

<?php

$searchTerm = $_GET['search'];

$products = [
    ['id' => 1, 'name' => 'Product 1', 'price' => 10],
    ['id' => 2, 'name' => 'Product 2', 'price' => 20],
];
?>

<!DOCTYPE html>
<html>
<head>
    <title>Product Catalog - Search Results</title>
    <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
    <h1>Product Catalog - Search Results</h1>

    <form method="GET" action="catalog.php">
        <input type="text" name="search" placeholder="Search products..."
value="<?php echo $searchTerm; ?>">
        <button type="submit">Search</button>
    </form>

```

```

<?php
    if (empty($searchTerm)) {
        echo '<p>Please enter a search term.</p>';
    } else {
        if (count($products) === 0) {
            echo '<p>No products found.</p>';
        } else {
            foreach ($products as $product) {
                echo '<div class="product">';
                echo '<h2>' . $product['name'] . '</h2>';
                echo '<p>Price: $' . $product['price'] . '</p>';
                echo '</div>';
            }
        }
    }
?>
</body>
</html>

```

Output:

