













1. Design a HTML form to capture the customer information and feedback regarding any product purchased online.

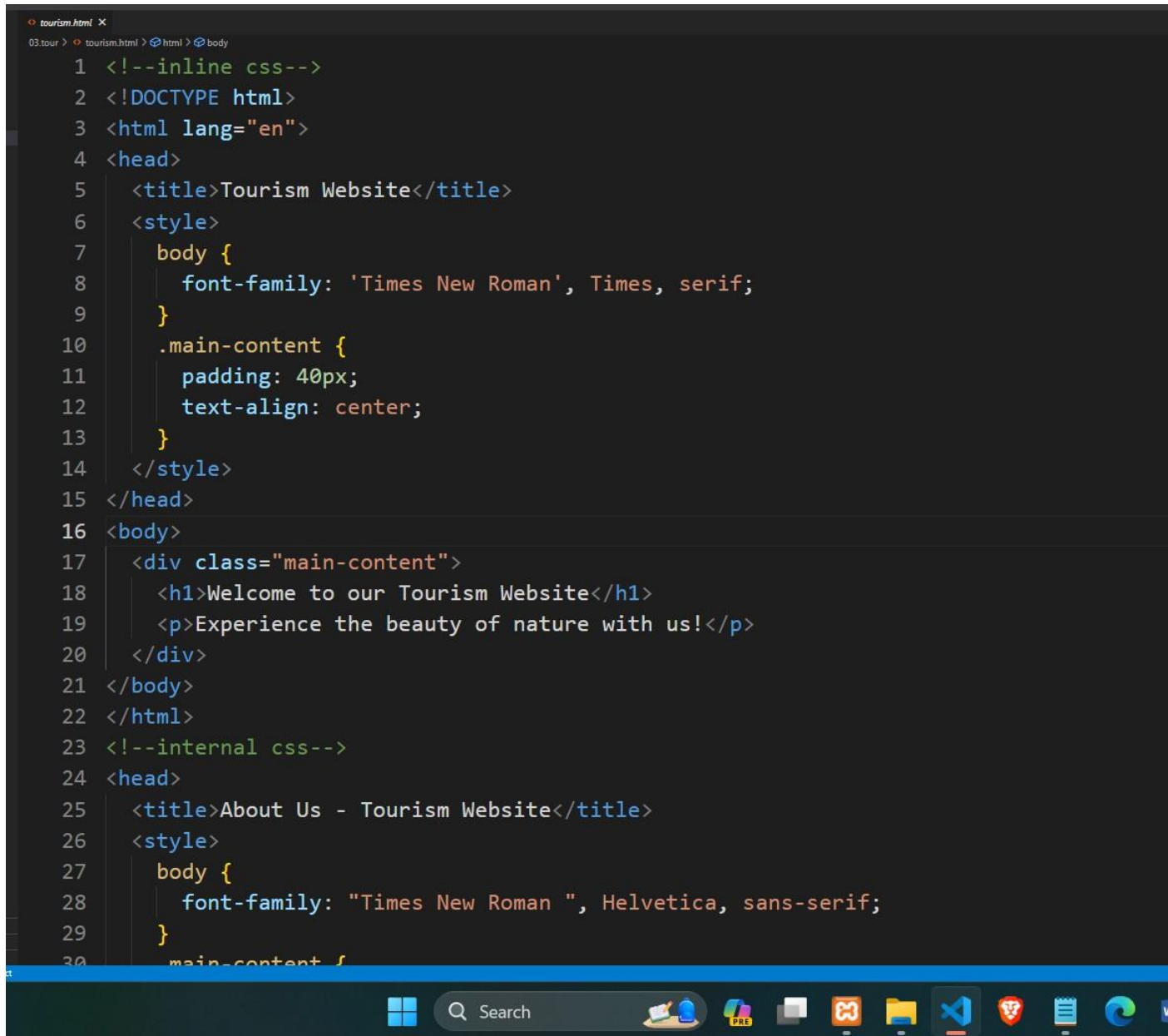
```
02:HTML form > form.html > ...
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <title>Page Title</title>
5  </head>
6  <body>
7  <h2>Welcome To THE ROYAL STORE</h2>
8  <form>
9  <h4>USER INFORMATION :</h4>
10 <label for="fname">First name:</label><br>
11 <input type="text" id="fname" name="fname"><br>
12 <label for="lname">Last name:</label><br>
13 <input type="text" id="lname" name="lname">
14 <p>
15 <h4>GENDER</h4>
16 <input type="radio" id="MALE" name="GENDER" value="MALE">
17 <label for="MALE">MALE</label><br>
18 <input type="radio" id="FEMALE" name="GENDER" value="FEMALE">
19 <label for="FEMALE">FEMALE</label>
20 </p>
21 <h4>ADDRESS</h4>
22 <p>
23 <label for="street-address">Street address</label>
24 <input type="text" id="street-address" name="street-address" autocomplete="street-address" required enterkeyhint="next"></input>
25 </p>
26 <h4>PHONE NO.</h4>
27 <p>
28 <label for="phone">Enter your phone number:</label>
29 <input type="tel" id="phone" name="phone">
30 </p>
31 <h4>EMAIL</h4>
32 <p>
33 <label for="email">Enter your email:</label>
34 <input type="email" id="email" name="email">
35 </p>
36 <h3>FEEDBACK</h3>
37 <div class="container">
38 <div class="item">
39 <label for="0">
40 <input class="radio" type="radio" name="feedback" id="0" value="0">
```

```
form.html X
02.HTML form > form.html > ...
40     <input class="radio" type="radio" name="feedback" id="0" value="0">
41     <span> 🤬 Awful</span>
42 </label>
43 </div>
44
45 <div class="item">
46     <label for="1">
47     <input class="radio" type="radio" name="feedback" id="1" value="1">
48     <span> 😞 Bad</span>
49 </label>
50 </div>
51
52 <div class="item">
53     <label for="2">
54     <input class="radio" type="radio" name="feedback" id="2" value="2">
55     <span> 😐 Indifferent</span>
56 </label>
57 </div>
58
59 <div class="item">
60     <label for="3">
61     <input class="radio" type="radio" name="feedback" id="3" value="3">
62     <span> 😊 Nice</span>
63 </label>
64 </div>
65
66 <div class="item">
67     <label for="4">
68     <input class="radio" type="radio" name="feedback" id="4" value="4">
69     <span> 🤩 Awesome</span>
70 </label>
71 </div>
72 <input type="submit" value="submit" name="">
73 </p>
74 </form>
75 </body>
76 </html>
```



10 | Page

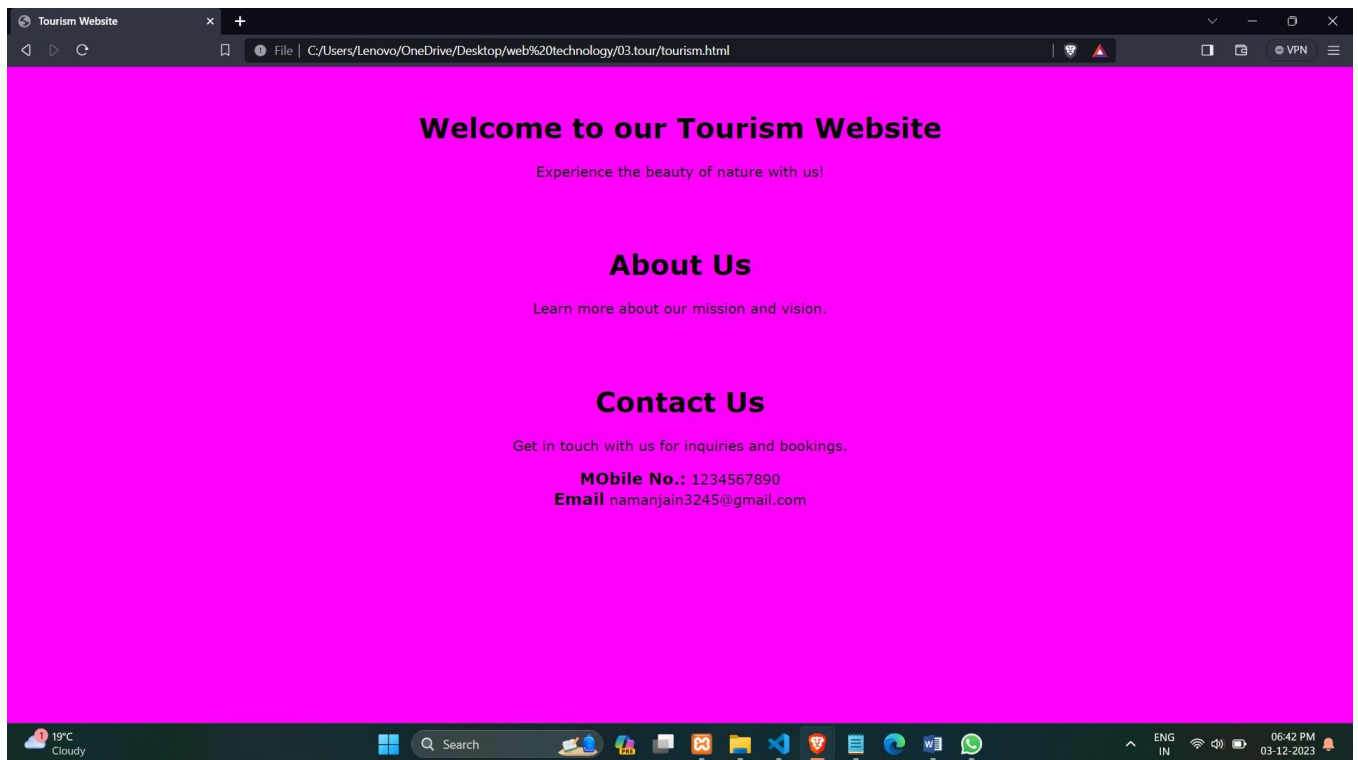
2. Create a group of web pages to implement inline, internal, external CSS for Tourism website (or any other)



```
1 <!--inline css-->
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5   <title>Tourism Website</title>
6   <style>
7     body {
8       font-family: 'Times New Roman', Times, serif;
9     }
10    .main-content {
11      padding: 40px;
12      text-align: center;
13    }
14  </style>
15 </head>
16 <body>
17   <div class="main-content">
18     <h1>Welcome to our Tourism Website</h1>
19     <p>Experience the beauty of nature with us!</p>
20   </div>
21 </body>
22 </html>
23 <!--internal css-->
24 <head>
25   <title>About Us - Tourism Website</title>
26   <style>
27     body {
28       font-family: "Times New Roman ", Helvetica, sans-serif;
29     }
30     .main-content {
```

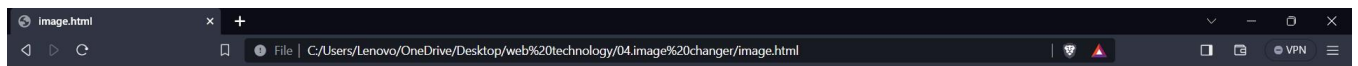
```
03.tour > tourism.html > html > body
30     .main-content {
31         padding: 20px;
32         text-align: center;
33     }
34 </style>
35 </head>
36 <body>
37     <div class="main-content">
38         <h1>About Us</h1>
39         <p>Learn more about our mission and vision.</p>
40     </div>
41 </body>
42 </html>
43 <!--contact-->
44 <!DOCTYPE html>
45 <html lang="en">
46 <head>
47     <title>Contact Us - Tourism Website</title>
48     <link rel="stylesheet" type="text/css" href="tou.css">
49 </head>
50 <body>
51     <div class="main-content">
52         <h1>Contact Us</h1>
53         <p>Get in touch with us for inquiries and bookings.</p>
54         <h3 style="display:inline;">MOBILE No.:</h3> <p style="display:inline;">1234567890</p><br>
55         <h3 style="display:inline;">Email</h3> <p style="display:inline;">namanjain3245@gmail.com</p>
56     </div>
57 </body>
58 </html>
```

```
# tou.css
03.tour > # tou.css > body
1 body {
2     background-color: #FF00FF;
3     font-family: "Verdana", Geneva, sans-serif;
4 }
5 .main-content {
6     padding: 20px;
7     text-align: center;
8 }
9
10
11
```



3. Create a JS to create a image changer on the click of a button.

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <style>
5     div img{
6       width: 250px;
7       height: 250px;
8       padding: 5px;
9       border: 2px solid red;
10      margin-top: 15px;
11    }
12  </style>
13 </head>
14 <body>
15   <h2>Change image on button click:</h2>
16   <button onclick='changeImage()'>Change Image</button>
17   <div>
18     <img src='D:\cat-and-dog-pictures-f7htukdngm3qwp06.jpg' id='myImg'>
19   </div>
20   <script>
21     const img = document.getElementById('myImg');
22     let currentImgIdx = 1;
23     const images = [
24       'D:\Download NJ logo monogram with emblem style isolated on black background for free.jpeg',
25       'D:\digital-landscape-6dkiigb7aanqa45z.jpg',
26       'D:\cat-and-dog-pictures-f7htukdngm3qwp06.jpg'
27     ];
28     function changeImage(){
29       if(currentImgIdx >= images.length){
30         currentImgIdx = 0;
31       }
32       img.src = images[currentImgIdx];
33       currentImgIdx++;
34     }
35   </script>
36 </body>
37 </html>
38
```



**Change image on button click:**

Change Image



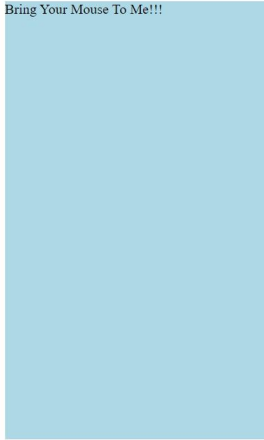
#### 4. Create a JS to handle mouse event.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Mouse Event</title>
7   <style>
8     #box {
9       width: 300px;
10      height: 500px;
11      background-color: lightblue;
12      margin: 50px;
13    }
14  </style>
15 </head>
16 <body>
17
18   <h1>Mouse Event</h1>
19
20   <div id="box" onmouseover="handleMouseOver()" onmouseout="handleMouseOut()">
21     Move your mouse over this box!
22   </div>
23
24   <script>
25     function handleMouseOver() {
26       var box = document.getElementById('box');
27       box.innerHTML = 'I Got Your Mouse!!!';
28       box.style.backgroundColor = 'lightcoral';
29     }
30
31     function handleMouseOut() {
32       var box = document.getElementById('box');
33       box.innerHTML = 'Bring Your Mouse To Me!!!';
34       box.style.backgroundColor = 'lightblue';
35     }
36   </script>
37
38 </body>
39 </html>
40
```



## Mouse Event

Bring Your Mouse To Me!!!




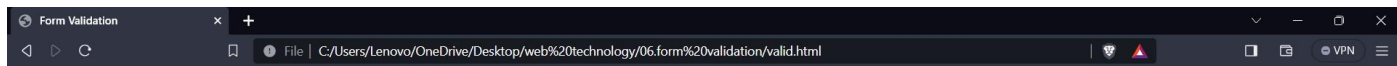


## 5. WAP in JS for form validation.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Form Validation</title>
7   <style>
8     body {
9       font-family: 'Times New Roman', Times, serif;
10    }
11
12    form {
13      max-width: 400px;
14      margin: 50px auto;
15    }
16
17    label {
18      display: block;
19      margin-bottom: 8px;
20    }
21
22    input {
23      width: 100%;
24      padding: 10px;
25      margin-bottom: 15px;
26      box-sizing: border-box;
27    }
28
29    button {
30      background-color: #3a29b9;
31      color: #000000;
32      padding: 10px 15px;
33      border: none;
34      cursor: pointer;
35    }
36
37    button:hover {
38      background-color: #45a049;
39    }
40
41    .error-message {
```

```
45 </style>
46 </head>
47 <body>
48
49 <h1>Form Validation Example</h1>
50
51 <form onsubmit="return validateForm()">
52   <label for="name">Name:</label>
53   <input type="text" id="name" name="name" required>
54
55   <label for="email">Email:</label>
56   <input type="email" id="email" name="email" required>
57
58   <label for="password">Password:</label>
59   <input type="password" id="password" name="password" required>
60
61   <button type="submit">Submit</button>
62 </form>
63
64 <script>
65   function validateForm() {
66     var name = document.getElementById('name').value;
67     var email = document.getElementById('email').value;
68     var password = document.getElementById('password').value;
69
70     // Simple validation: Check if fields are not empty
71     if (name === '' || email === '' || password === '') {
72       alert('All fields must be filled out');
73       return false;
74     }
75
76     // More advanced validation can be added, e.g., email format, password strength, etc.
77
78     // If all validations pass, the form is submitted
79     alert('Form submitted successfully!');
80     return true;
81   }
82 </script>
83
84 </body>
85 </html>
```





## Form Validation Example

Name:

Email:

Password:

Submit



## 6. Create a program to display XML content in a HTML page.

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width,initial-scale=1.0">
6     <title>Display XML in HTML</title>
7   </head>
8   <body>
9     <h2>XML Content Display</h2>
10    <button onclick="loadXML()">load XML</button>
11    <div id="xmlcontent" style="margin-top:20px;padding:10px;border:1px solid #00D3D4;"></div>
12    <script>
13      function loadXML()
14      {
15        //Example XML content
16        var xmlString='<bookstore>'+
17          '<book>'+
18            '<title>Introduction to HTML</title>'+
19            '<author>John Doe</author>'+
20          '</book>'+
21          '<book>'+
22            '<title>JavaScript Basics</title>'+
23            '<author>Jane Smith</author>'+
24          '</book>'+
25          '</bookstore>';
26        var parser=new DOMParser();
27        var xmlDoc=parser.parseFromString(xmlString,'text/xml');
28        //Access elements in XML
29        var books=xmlDoc.getElementsByTagName('book');
30        var xmlContentDiv=document.getElementById('xmlContent');
31        //Display XML content in HTML
32        xmlContentDiv.innerHTML='<h3>Books:</h3>';
33        for(var i=0;i<books.length;i++)
34        {
35          var title=books[i].getElementsByTagName('title')[0].textContent;
36          var author=books[i].getElementsByTagName('author')[0].textContent;
37          xmlContentDiv.innerHTML+='\n<p><strong>Title:</strong>'+title+'<br><strong>Author:</strong>'+author+'</p>';
38        }
39      }
40    </script>
41  </body>
```

## 7. WAP in PHP to display the factorial of any number.


```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Factorial Calculator</title>
7 </head>
8 <body>
9 <?php
10     2 references
11     function calculateFactorial($number)
12     {
13         if ($number == 0 || $number == 1)
14         {
15             return 1;
16         } else
17         {
18             return $number * calculateFactorial($number - 1);
19         }
20     }
21     if (isset($_POST['submit']))
22     {
23         $inputNumber = $_POST['number'];
24         if (is_numeric($inputNumber) && $inputNumber >= 0)
25         {
26             $factorial = calculateFactorial($inputNumber);
27             echo "<p>The factorial of $inputNumber is $factorial.</p>";
28         }
29         else
30         {
31             echo "<p>Please enter a non-negative numeric value.</p>";
32         }
33     }
34 <form method="post" action="">
35     <label for="number">Enter a number:</label>
36     <input type="text" name="number" id="number" required>
37     <button type="submit" name="submit">Calculate Factorial</button>
38 </form>
39 </body>
40 </html>
```




## Index of /factorial

Name	Last modified	Size	Description
<a href="#">Parent Directory</a>	-		
<a href="#">fact.php</a>	2023-12-02 22:05	1.1K	

Apache/2.4.58 (Win64) OpenSSL/3.1.3 PHP/8.2.12 Server at localhost Port 8080

Malwarebytes



Check out our security stats


See how Malwarebytes is protecting devices around the globe. We'll also provide a report if any threats were found on your device.


Check it out



The factorial of 5 is 120.

Enter a number:

Malwarebytes



Check out our security stats

See how Malwarebytes is protecting devices around the globe. We'll also provide a report if any threats were found on your device.

Check it out





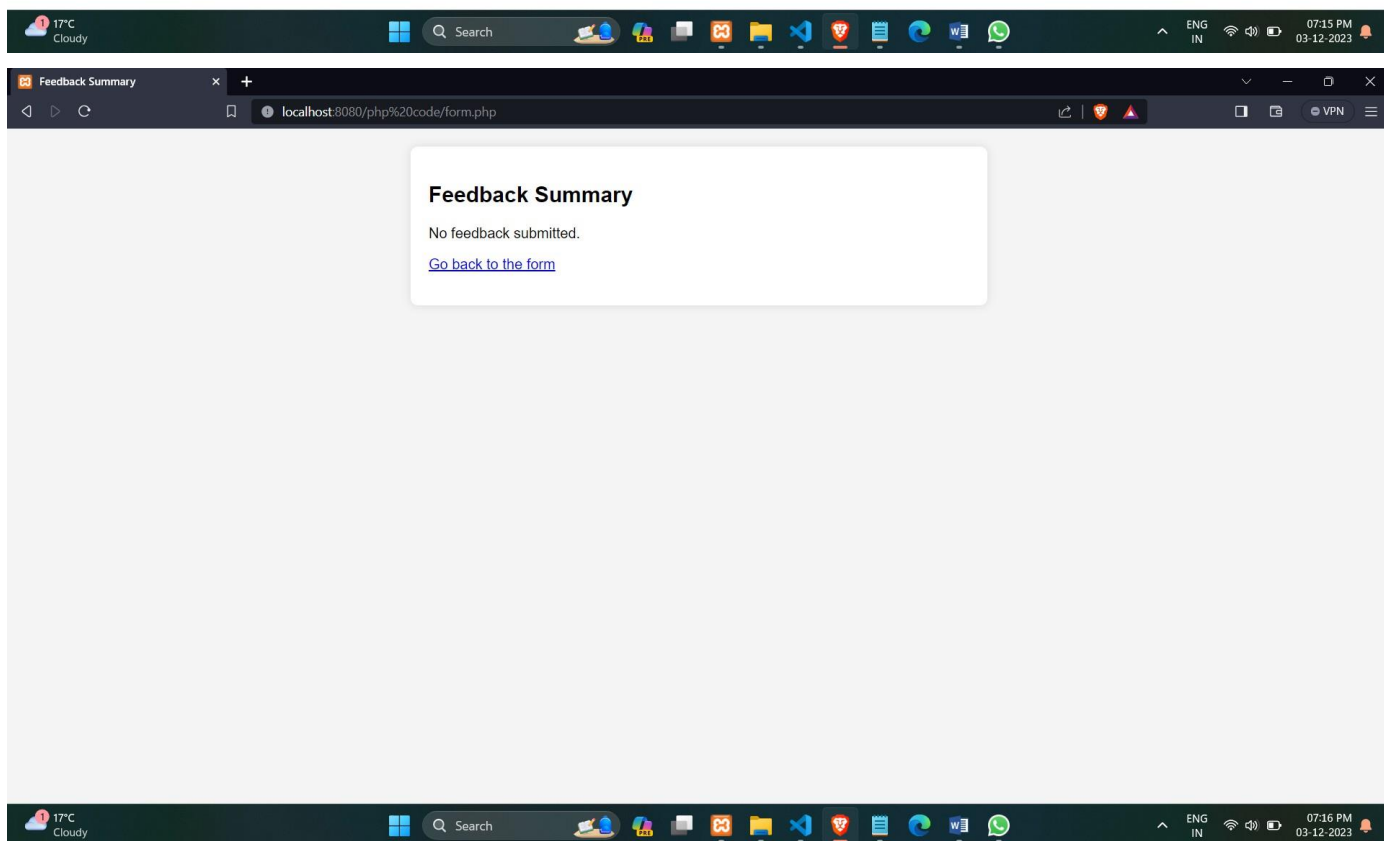
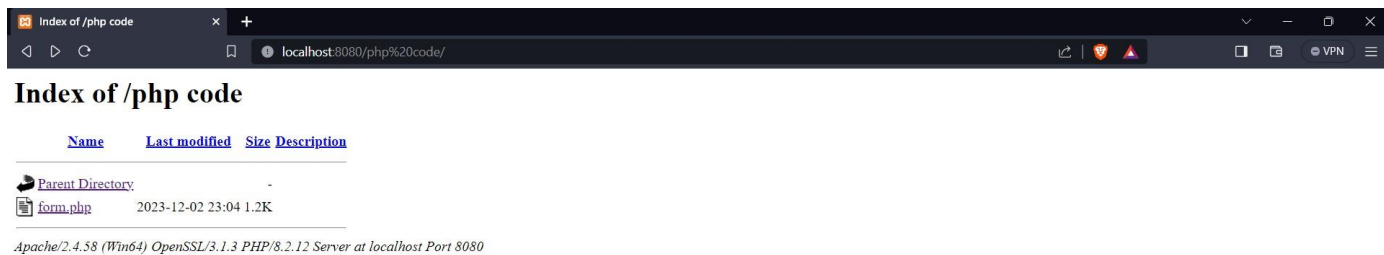
8. WAP in PHP to display the information collected via the form in experiment 2.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Feedback Summary</title>
7   <style>
8     body
9     {
10      font-family: Arial, sans-serif;
11      background-color: #f4f4f4;
12      margin: 20px;
13    }
14    .summary
15    {
16      max-width: 600px;
17      margin: 20px auto;
18      background-color: #fff;
19      padding: 20px;
20      border-radius: 8px;
21      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
22    }
23  </style>
24 </head>
25 <body>
26   <div class="summary">
27     <h2>Feedback Summary</h2>
28     <?php
```

```
fact.php form.php x
09.php code > form.php > ...

28 <?php
29 if ($_SERVER["REQUEST_METHOD"] == "POST")
30 {
31     $name = htmlspecialchars($_POST["name"]);
32     $email = htmlspecialchars($_POST["email"]);
33     $rating = htmlspecialchars($_POST["rating"]);
34     $comments = htmlspecialchars($_POST["comments"]);
35     echo "<p><strong>Name:</strong> $name</p>";
36     echo "<p><strong>Email:</strong> $email</p>";
37     echo "<p><strong>Product Rating:</strong> $rating</p>";
38     echo "<p><strong>Comments:</strong> $comments</p>";
39 }
40 else
41 {
42     echo "<p>No feedback submitted.</p>";
43 }
44 ?>
45 <p><a href="form.html">Go back to the form</a></p>
46 </div>
47
48 </body>
49 </html>
50
```





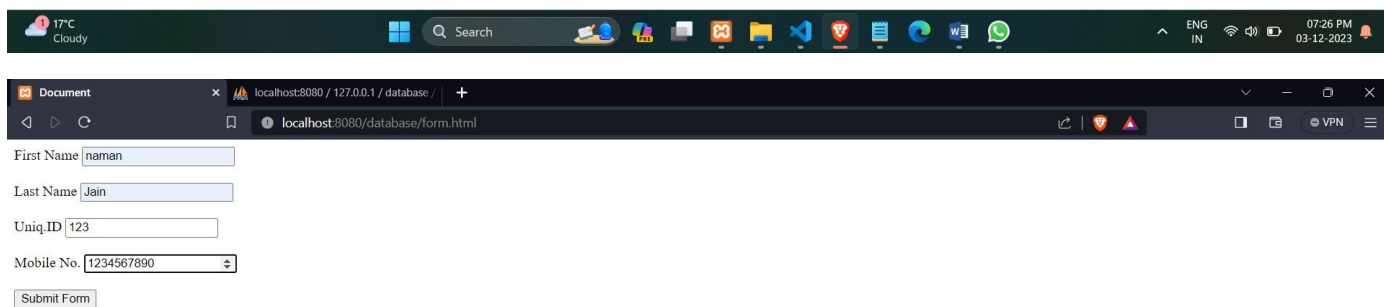
9. WAP in PHP to display a record stored in a MySQL database/ table.

```
1 <?php
2 $servername="localhost";
3 $username="root";
4 $password="";
5 $database_name="database";
6 // Create connection
7 $conn = mysqli_connect($servername, $username, $password,$database_name);
8 if (!$conn) {
9     die("Connection failed: " . mysqli_connect_error());
10 }
11
12 if(isset($_POST['save']))
13 {
14     $First_Name = $_POST['First_Name'];
15     $Last_Name = $_POST['Last_Name'];
16     $Uniq_ID=$_POST['Uniq_ID'];
17     $Mobile_No=$_POST['Mobile_No'];
18
19
20
21 $sql_query = "INSERT INTO database(First_Name,Last_Name,Uniq_ID,Mobile_No) VALUES('$First_Name','$Last_Name','$Uniq_ID','$Mobile_No')";
22
23 if(mysqli_query($conn,$sql_query))
24 {
25     echo "Data inserted successfully!";
26 }
27 else
28 {
29     echo "Error" . $sql . " " . mysqli_error($conn);
30 }
31 mysqli_close($conn);
32 }
33 ?>
```

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Document</title>
7 </head>
8 <body>
9     <form action="data.php" method="POST">
10         <label>First Name</label>
11         <input type="text" name="first_name">
12         <br><br>
13         <label>Last Name</label>
14         <input type="text" name="last_name">
15         <br><br>
16         <label>Uniq.ID</label>
17         <input type="number"Uniq="Uniq.ID">
18         <br><br>
19         <label>Mobile No.</label>
20         <input type="number"Mobile="Mobile No.">
21         <br><br>
22         <button type="submit" name="save">Submit Form</button>
23     </form>
24 </body>
25 </html>

```



Document localhost:8080 / 127.0.0.1 / datab: x +

localhost:8080/phpmyadmin/index.php?route=/sql&pos=0&db=database&table=crazy

Server: 127.0.0.1 » Database: database » Table: crazy

Browser Structure SQL Search Insert Export Import Privileges Operations Triggers

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 3 (4 total, Query took 0.0002 seconds)

SELECT \* FROM `crazy`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all Number of rows: 25 Filter rows: Search this table

Extra options

First_Name	Last_Name	Uniq_ID	Mobile_No
naman	jain	123	1234567890
Shruti	Jain	456	234518935
Rock	Star	768	1807654132
Crazy	King	999	172389784

Show all Number of rows: 25 Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

18°C Humid Search ENG IN 07:32 PM 03-12-2023