PRACTICAL-1

Aim:- Create a web page illustrating text formatting tags available in HTML.

Code:

```
<html>

<head>

 <title>Practical 1</title>

</head>

<body>

  <h1><marquee><p style="color:red">Hemil Chovatiya</font></p></marquee></h1>

  <p><i>Enrollment Number : 200303108003</i></p>

  <p><b>from:Surat</b></p>

  <p><u>Department : IT</u></p>

  <h6><p><strong>year : 3rd</strong></p></h6>

  <p><small>Sem : 5th</small></p>

  <p>College<sub> Parul University </sub> PIET(Vadodara)</p>

  <p>School<sup> Shri Ramkrishna Harikrishna Academy</sup> Surat</p>

  <p>Parul Institute of Engineering and Technology <del> Institute </del></p>

  <p>Shri Ramkrishna Harikrishna Academy<ins>Harikrishna</ins></p>

  <p><em>18,bapa sitaram row house sarthana jakatnaka,surat</em></p>

</body>

</html>
```
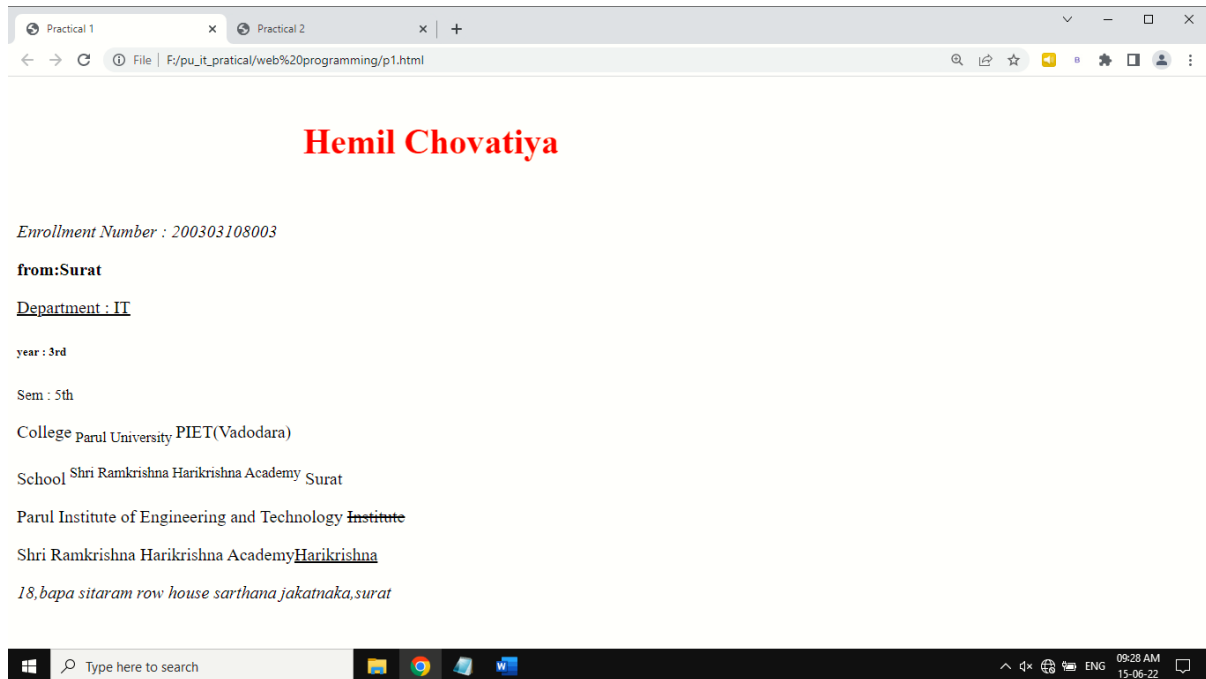
Output:

Practical 2:

AIM: Create a web page to demonstrate working of ordered, unordered and nested list.

Code:

```
<html>
<head>
 <title>Practical 2</title>
</head>
<body bgcolor="pink">
 <b><h1><p style="color:rgb(24, 204, 220)"><marquee>Types of List
</marquee></font></p></h1>
 <p><h1>Colors</h1></p>
  <ul type="circle">
        <li>Red</li>
          <li>Yellow</li>
          <li>Green</li>


  </ul>
  <br>
  <p><h1>Sports</h1></p>
  <ol type="A">
        <li><h3>Indoor Games</h3></li>
     <ul type=circle>
      <li>Chess</li>
          <li>Bussiness Hub</li>
      <li>Table Tennis</li>
      <li>Ludo</li>
          </ul>
        <li><h3>Outdoor Games</h3></li>
```

```html
     <ol type="1">
       <li>Volleyball</li>
            <li>Basketball</li>
       <li>Handball</li>
       <li>Badminton</li>
            <li>Cricket</li>
       <li>Football</li>
       </ol>
   </ol>
   </b>
</body>
</html>
```
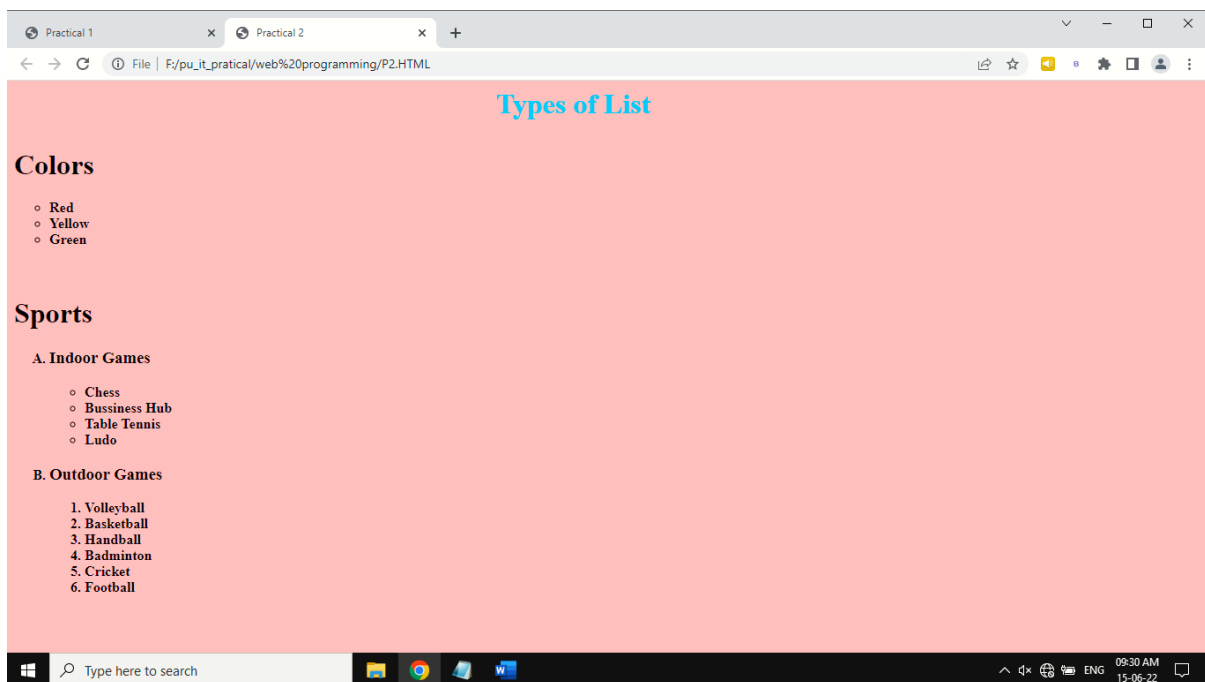
Output:

Practical 3:

AIM: Create a HTML5 web page which shows the use of Canvas.

Code:

```html
<html>
<head>
<body>
    <title>P-3 Canvas</title>
    <style>
      #myCanvas{
       border: 1px ;
       border-style: solid;
       border-color: black;       }
    </style>
</head>
    <p>Canvas</p>
    <canvas id="myCanvas" width="200" height="400">
</canvas>
    <script>
      var canvas=document.getElementById("myCanvas");
      var ctx =canvas.getContext("2d");
      ctx.font = "30px Arial";
      ctx.fillText("Hello All",10,50);
      ctx.strokeText("Hello world",10,75);
      ctx.beginPath();
      ctx.arc(95, 150, 40, 0, 2.14 * Math.PI);
      ctx.stroke();
      var grd = ctx.createLinearGradient(0, 0, 200, 0);
      grd.addColorStop(0, "red");
      grd.addColorStop(.8, "white");
          ctx.fillStyle = grd;
          ctx.fillRect(10, 220, 150, 80);
    </script>
</body>
</html>
```
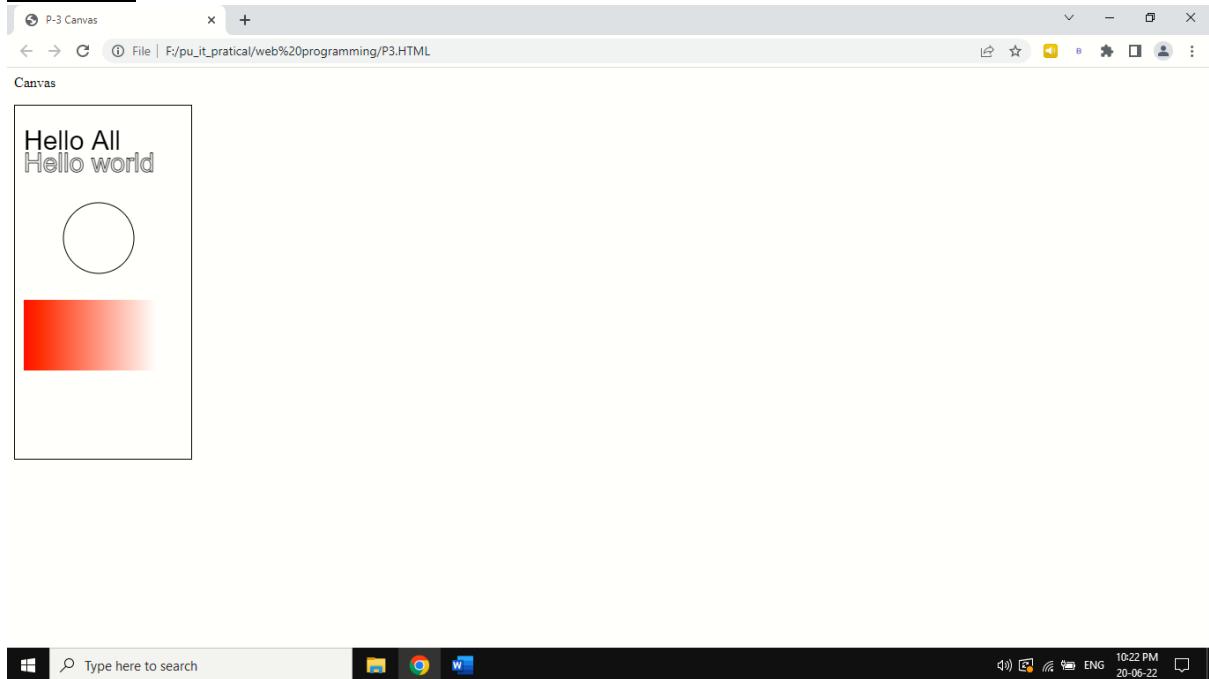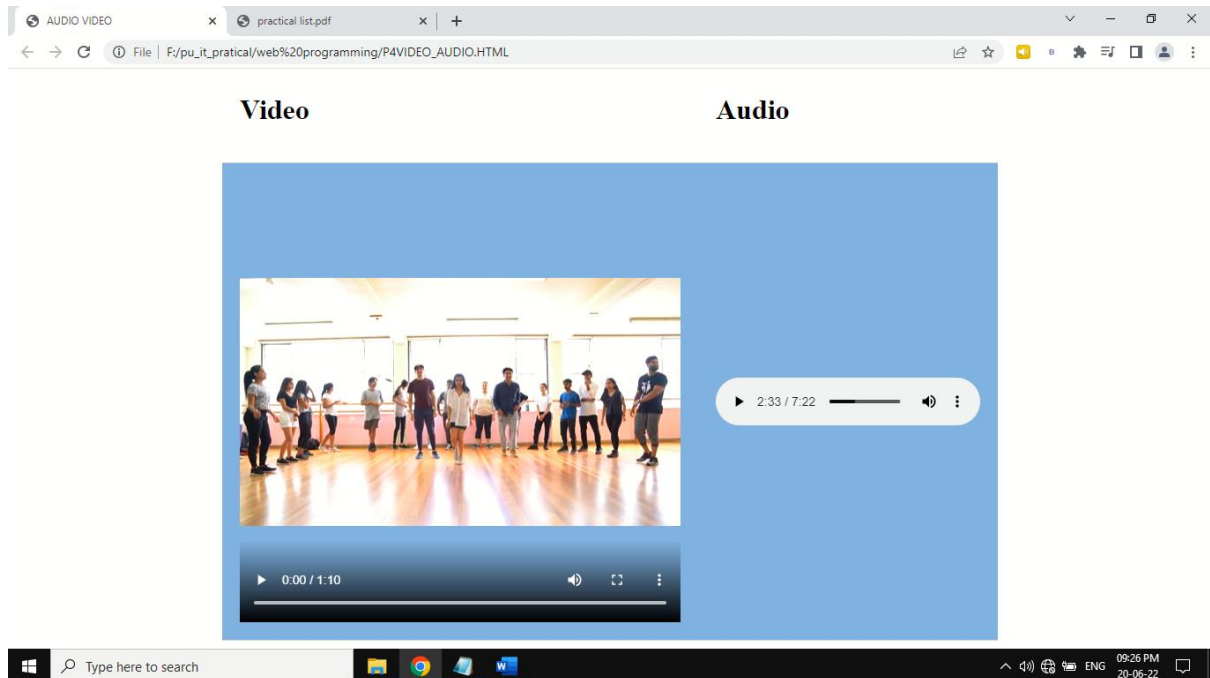
Practical 4:

AIM: Create a HTML5 web page which shows the use of Audio & Video.

Code:

```html
<html>
<head>
   <title>AUDIO VIDEO</title>
</head>
<style>
tr:hover {background-color: rgb(137, 178, 219);}
th, td {
 border-bottom: 1px solid #ddd;
 padding: 20px;
 text-align: left;      }
 table {
 border-collapse: collapse;   }
</style>
<body>
        <table   align="center">
     <tr>
         <th><h1>Video</h1></th>
         <th><h1>Audio</h1></th>
      </tr>  <tr>
     <td>
     <video width="500px" height="500px", controls="controls">
     <source src="de.mp4" type="video/mp4">
     </video>
     </td>
     <td>
     <audio width="100%", controls="controls">
     <source src="deva.mp3" type="audio/mp3">
     </audio></td>
         </tr>
     </table>
</body>
</html>
```

OUTPUT:

Practical 5:

AIM: **Create a student registration form using the following tags <form>, <input>, <textarea>, <button>, <select>, <option>The registration form**

must consist of following information: First Name, Middle Name, Last Name, Gender (use radio button), Address, Phone No., email id,

Hobbies (use checkbox), City, State, Country, College Name (use dropdown menu)

Code:

```
<html>
<head>
   <title>Forms And Tags</title>
</head>
<style>
   td{padding: 8px;
      font-size: larger;
   text-align-last: center;
      }

   </style>
<body>
   <form><table border="0" align="center">
     <h1 align="center">Hemil Chovatiya Registration Form</h1>
     <tr>
        <td><label >First Name:</label></td>
        <td><input type="text" placeholder="Enter Name"></td>
          </tr>
     <tr>
        <td><label >Middle Name:</label></td>
        <td><input type="text" placeholder="Middle Name" ></td>
     </tr>
         <tr>
        <td><label>Gender:</label></td>
        <td>
        <label> Male</label><input type="radio">
        <label >Female</label> <input type="radio">
        <label >Other</label><input type="radio">
        </td>
     </tr>
     <tr>
        <td> <label >Address:</label></td>
```
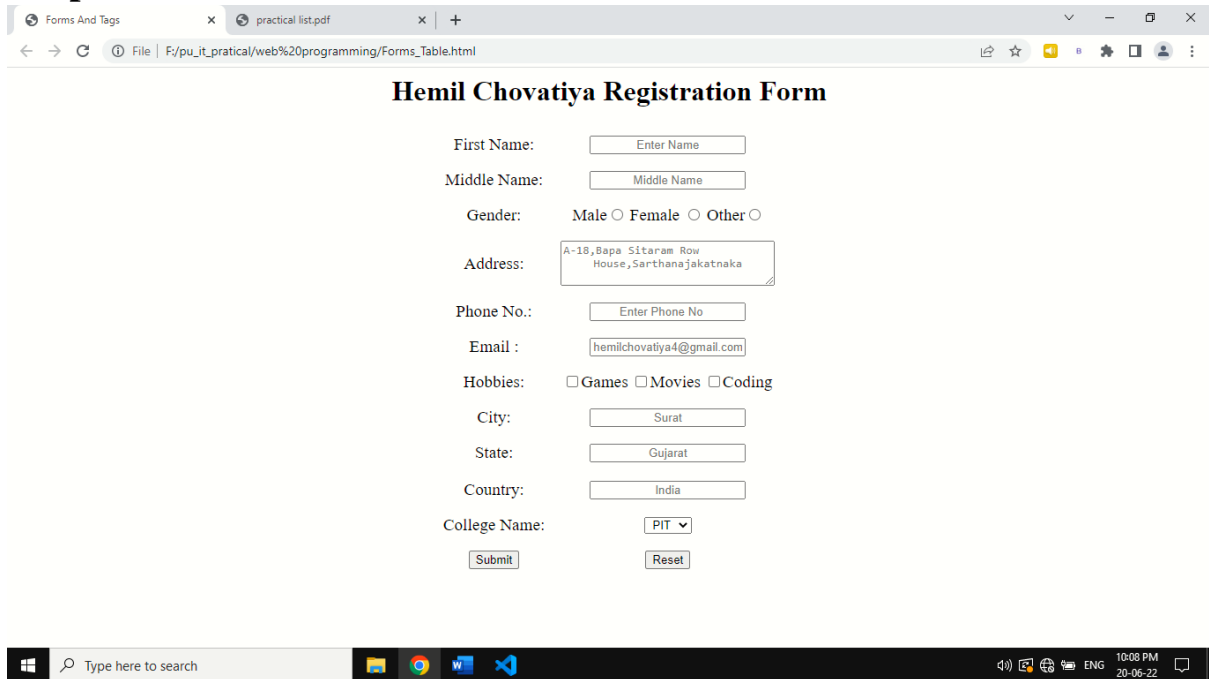
```
<td><textarea  cols="30" rows="3" placeholder="A-18,Bapa Sitaram Row
House,Sarthanajakatnaka"></textarea></td>
        </tr>
    <tr>
      <td><label >Phone No.:</label></td>
      <td><input type="number" placeholder="Enter Phone No"></td>
        </tr>
    <tr>
      <td><label > Email :</label></td>
      <td><input type="email" placeholder="hemilchovatiya4@gmail.com"></td>
        </tr>
    <tr>
   <td><label> Hobbies:</label></td>
    <td><input type="checkbox" >Games
    <input type="checkbox" >Movies
    <input type="checkbox" >Coding</td>
    </tr>
   <tr>
      <td><label >City:</label></td>
      <td><input type="text" placeholder="Surat"></td>
   </tr><tr>
    <td><label >State:</label></td>
     <td> <input type="text" placeholder="Gujarat"></td>
    </tr><tr></tr>
      <td><label >Country:</label></td>
      <td><input type="text" placeholder="India"></td>
     <tr><td><label >College Name:</label></td>
     <td><select>
      <option>PIT</option>
      <option>PIET</option>
      <option>PU</option>
      <option>GTU</option>
    </select></td>
    <tr>
        <td><input type="submit" value="Submit"></td>
      <td><input type="reset" value="Reset"></td>
    </tr>
  </table></form>
</body>
</html>
```

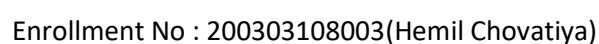**Output:**

Practical 6:

AIM: Create a HTML5 web page which shows the use of Geolocation.
Code:

```html
<html>
<head>
 <title>Geolocation Practical</title>
</head>
<style>
  .btn {
 background-color: rgb(225, 231, 236);
 border: none;
 color: rgb(0, 0, 0);
 padding: 12px 16px;
 font-size: 16px;
 cursor: pointer;    }
.btn:hover {        background-color: rgb(113, 119, 119);           }
img {         border: 1px solid #ddd;
              border-radius: 4px;
              padding: 5px;                    }
img:hover {             box-shadow: 0 0 2px 1px rgba(0, 140, 186, 0.5);           }
</style>
<body>
   <h2 align="center">Geolocation Practical</h2>
   <p>when Click On button it gives Latitude and Longitude</p>
   <button onclick="getLoc()" class="btn">Get Location</button>
   <p id="loc"></p>
   <a id="link" href="">Google Map Live Location</a>
  <div id="mapholder"></div>
  <script>
  var a=document.getElementById("loc");
  function getLoc()
    {
      if(navigator.geolocation)
      {         navigator.geolocation.getCurrentPosition(showPosition,DisplayError);     }
      else
      {         a.innerHTML="Oh, Geolocation is not supported.";           }
    }
    function showPosition(position)
    {
      var latlon = position.coords.latitude + "," + position.coords.longitude;
      var
maplink=a.innerHTML="https://www.google.com/maps/@"+position.coords.latitude+","+position.coords.longitude+",15z";
    document.getElementById('link').href =maplink;
```

```
    var img_url =
"https://maps.googleapis.com/maps/api/staticmap?center="+latlon+"&zoom=14&size=400x3
00&key=AIzaSyBu-916DdpKAjTmJNIgngS6HL_kDIKU0aU";
  document.getElementById("mapholder").innerHTML = "<img src='"+img_url+"'>";
}
    function DisplayError(error)
    {
      switch(error.code)
       {
        case error.PERMISSION_DENIED:
        a.innerHTML = "denied the request.";
        break;
        case error.POSITION_UNAVAILABLE:
        a.innerHTML = "Location information is not available.";
        break;
        case error.TIMEOUT:
        a.innerHTML = "get user location timed out.";
        break;
        case error.UNKNOWN_ERROR:
        a.innerHTML = "An unknown error occurred.";
        break;
       }
    }
   </script>
</body>
</html>
```

OUTPUT:

PRACTICAL 7

AIM: Apply inline, internal and external style sheet for the student registration form.

1.Inline Code

```
<html style="background-color:f5f5f5; text-transform:capitalize; letter-spacing:1.5px;">
  <head>
    <title>Forms And Tags</title>
  </head>
  <body>
    <div style="position: absolute;   top: 35;   left: 450;   width: 450;   border-radius: 4px;
background-color: white; border:rgb(172, 170, 166); border-width:1px; border-style:solid;">
      <form>   <b>
    <p style="font-family: 'Roboto', sans-serif; font-size: 18px; text-transform: uppercase;
        color:black;" align="center">Hemil Chovatiya Registration Form</p>        </b>
        <table border=0 align="center" style="border: none; border-color: white;">
          <tr style=" background-color: white;">
          <td style=" padding: 4px; font-size: larger; text-align-last: center; background-color:
white;">
          <label style=" background-color: white;">First Name:</label></td>
          <td style="  padding: 4px;font-size: larger;  text-align-last: center; background-
color: white;"><input style=" width: 257px;height: 35px; padding: 5px; font-family:
'Roboto', sans-serif; font-size: 11px;   text-transform: uppercase;  letter-spacing:
1.5px; color: #000; background-color: #fff; border: none;  border-radius: 9px; box-
shadow: 6px 8px 15px rgba(0, 0, 0, .2);  transition: all 0.3s ease 0s;  outline:solid 1px
rgb(255, 255, 255);  background-color: white;" type="text" placeholder="Enter
Name"></td>
          </tr><tr style=" background-color: white;">
                <td style=" padding: 4px;  font-size: larger;  text-align-last: center;
background- color: white;">
<label style=" background-color: white;">Middle   Name:</label>
          </td><td style=" padding: 4px; font-size: larger;  text-align-last: center; background-
color: white;">
          <input style=" width: 257px; height: 35px;  padding: 5px; font-family:      'Roboto',
sans-serif;   font-size: 11px; text-transform: uppercase;  letter-spacing: 1.5px; color:
#000; background-color: #fff;  border: none; border-radius: 9px;
          box-shadow: 6px 8px 15px rgba(0, 0, 0, .2);  transition: all 0.3s ease 0s;
          outline:solid 1px rgb(255, 255, 255); background-color: white;" type="text"
placeholder="Middle Name"></td>
          </tr>     <tr style=" background-color: white;">
              <td style=" padding: 4px;  font-size: larger; text-align-last: center; background-
color: white;">
<label style=" background-color: white;">Gender:</label></td>
```

```
<td style=" padding: 4px;
  font-size: larger;  text-align-last: center; background-color: white;">
  <input style="  margin:7px; box-shadow: 6px 8px 10px rgba(0, 0, 0.1, 0.1);
    transition: all 0.3s ease 0s; background-color: white;" type="radio"><label
    style=" background-color: white;"> Male</label>
  <input style="  margin:7px; box-shadow: 6px 8px 10px rgba(0, 0, 0.1, 0.1);
    transition: all 0.3s ease 0s; background-color: white;" type="radio"><label
    style=" background-color: white;">Female</label>
  <input style="  margin:7px; box-shadow: 6px 8px 10px rgba(0, 0, 0.1, 0.1);
    transition: all 0.3s ease 0s; background-color: white;" type="radio"><label
    style=" background-color: white;">Other</label>
</td>          </tr>
<tr style=" background-color: white;">
  <td style=" padding: 4px; font-size: larger; text-align-last: center; background-
color: white;"> <label  style=" background-color: white;">Address:</label></td>
  <td style=" padding: 4px;  font-size: larger; text-align-last: center; background-
color: white;">
<textarea style=" width: 257px; height: 35px;  padding: 5px; font-family: 'Roboto',
sans-serif; font-size: 11px; text-transform: uppercase; letter-spacing: 1.5px; color:
#000;background-color: #fff;  border: none; border-radius: 9px; box-shadow: 6px 8px
15px rgba(0, 0, 0, .2);  transition: all 0.3s ease 0s; outline:solid 1px rgb(255, 255,
255); background-color: white;" cols="30" rows="5" type="textarea"
placeholder="A-18,Bapa Sitaram Row House,Sarthanajakatnaka"></textarea></td>
  </tr>  <tr style=" background-color: white;">
  <td style=" padding: 4px; font-size: larger; text-align-last: center;
   background-color: white;">
  <label style=" background-color: white;">Phone  No.:</label>
  </td> <td style=" padding: 4px; font-size: larger; text-align-last: center;
background-color: white;">
 <input style=" width: 257px; height: 35px; padding: 5px; font-family: 'Roboto',
sans-serif; font-size: 11px; text-transform: uppercase; letter-spacing: 1.5px; color:
#000;  background-color: #fff; border: none;  border-radius: 9px; box-shadow: 6px
8px 15px rgba(0, 0, 0, .2);  transition: all 0.3s ease 0s;  outline:solid 1px rgb(255, 255,
255); background-color: white;" type="number" placeholder="Enter Phone No">
</td> </tr>
  <tr style=" background-color: white;">
  <td style=" padding: 4px;  font-size: larger; text-align-last: center; background-
color: white;"><label style=" background-color: white;"> Email:</label>
  </td> <td style=" padding: 4px;  font-size: larger;
   text-align-last: center; background-color: white;"><input style=" width: 257px;
   height: 35px;  padding: 5px; font-family: 'Roboto', sans-serif; font-size: 11px;
   text-transform: uppercase; letter-spacing: 1.5px; color: #000;
   background-color: #fff; border: none;border-radius: 9px;
```

```
          box-shadow: 6px 8px 15px rgba(0, 0, 0, .2);  transition: all 0.3s ease 0s;
          outline:solid 1px rgb(255, 255, 255); background-color: white;" type="email"
          placeholder="hemilchovatiya4@gmail.com"></td>
       </tr>
       <tr style=" background-color: white;">
        <td style=" padding: 4px;
          font-size: larger;text-align-last: center; background-color: white;">
<label style=" background-color: white;">Hobbies:</label>
          </td> <td style=" padding: 4px;
          font-size: larger;
          text-align-last: center; background-color: white;"><input style=" background-
color: white;"
            type="checkbox">Games
            <input style="margin:7px;
              box-shadow: 6px 8px 10px rgba(0, 0, 0.1, 0.1);
              transition: all 0.3s ease 0s;
              background-color: white;" type= "checkbox">  Movies
            <input style="margin:7px;
              box-shadow: 6px 8px 10px rgba(0, 0, 0.1, 0.1);
              transition: all 0.3s ease 0s; background-color: white;"
              type="checkbox">Coding
          </td></tr>
       <tr style=" background-color: white;">
 <td style=" padding: 4px; font-size: larger;text-align-last: center; background-color: white;">
         <label  style=" background-color: white;">City:</label></td>
         <td style=" padding: 4px; font-size: larger; text-align-last: center; background-
     color: white;">
            <input style=" width: 257px;height: 35px; padding: 5px; font-family: 'Roboto',
            sans-serif; font-size: 11px; text-transform: uppercase; letter-spacing: 1.5px;
            color: #000; background-color: #fff; border: none; border-radius: 9px; box-
            shadow: 6px 8px 15px rgba(0, 0, 0, .2); transition: all 0.3s ease 0s;
            outline:solid 1px rgb(255, 255, 255); background-color: white;" type="text"
            placeholder="Surat"></td>
       </tr>  <tr style=" background-color: white;">
        <td style=" padding: 4px; font-size: larger; text-align-last: center; background-
color: white;">
         <label style=" background-color: white;">State:</label></td>
        <td style=" padding: 4px;   font-size: larger;
          text-align-last: center; background-color: white;"> <input style="width: 257px;
          height: 35px; padding: 5px; font-family: 'Roboto', sans-serif; font-size:   11px;
          text-transform: uppercase; letter-spacing: 1.5pxcolor: #000; background-color:
          #fff; border: none;  border-radius: 9px; box-shadow: 6px 8px 15px rgba(0, 0,
```

```
0, .2); transition: all 0.3s ease 0s; outline:solid 1px rgb(255, 255, 255);
background-color: white;" type="text" placeholder="Gujarat"></td>
    </tr>
    <tr style=" background-color: white;"></tr>
<td style=" padding: 4px; font-size: larger; text-align-last: center;
background-color: white;">
  <label style=" background-color: white;">Country:</label></td>
    <td style=" padding: 4px;font-size: larger; text-align-last: center; background-
color: white;">
<input style="  width: 257px;  height: 35px; padding: 5px;font-family: 'Roboto', sans-
serif;font-size: 11px; text-transform: uppercase; letter-spacing: 1.5px; color: #000;
background-color:  #fff; border: none; border-radius: 9px; box-shadow: 6px 8px
15px rgba(0, 0, 0, .2); transition: all 0.3s ease 0s; outline:solid 1px rgb(255, 255, 255);
background-color: white;" type="text" placeholder="India"></td>
 <tr style=" background-color: white;">
 <td style=" padding: 4px; font-size: larger;  text-align-last: center; background-color:
white;"><label style=" background-color: white;">College Name:</label>
    </td>
        <td style=" padding: 4px; font-size: larger; text-align-last: center; background-
        color: white;">
        <select class="dropdown" style=" width: 257px; height: 35px; padding: 5px;
        font-family: 'Roboto', sans-serif; font-size: 11px; text-transform: uppercase;
        letter-spacing: 1.5px;   color: #000; background-color: #fff; border: none;
        border-radius: 9px; box-shadow: 6px 8px 15px rgba(0, 0, 0, .2);
         transition: all 0.3s ease 0s; outline:solid 1px rgb(255, 255, 255);">
        <option class="opt">PIT</option>
        <option class="opt">PIET</option>
        <option class="opt">PU</option>
        <option class="opt">GTU</option>
      </select>
     </td>
    <tr style=" background-color: white;">
    <td style=" padding: 4px; font-size: larger; text-align-last: center; background-
color: white;">
<button style=" width: 140px; height: 45px; font-family: 'Roboto', sans-serif;
     font-size: 11px; text-transform: uppercase; letter-spacing: 2.5px; color:white;
     background-color: rgb(19, 17, 17); border: none; border-radius: 45px;
     box- shadow: 6px 8px 15px rgba(0, 0, 0, 0.2); transition: all 0.3s ease 0s;
     cursor: pointer; outline: solid 1px rgb(255, 252, 252);" type="submit"> Submit
</button></td>
        <td style=" padding: 4px; font-size: larger; text-align-last: center; background-
        color:    white;" >
```
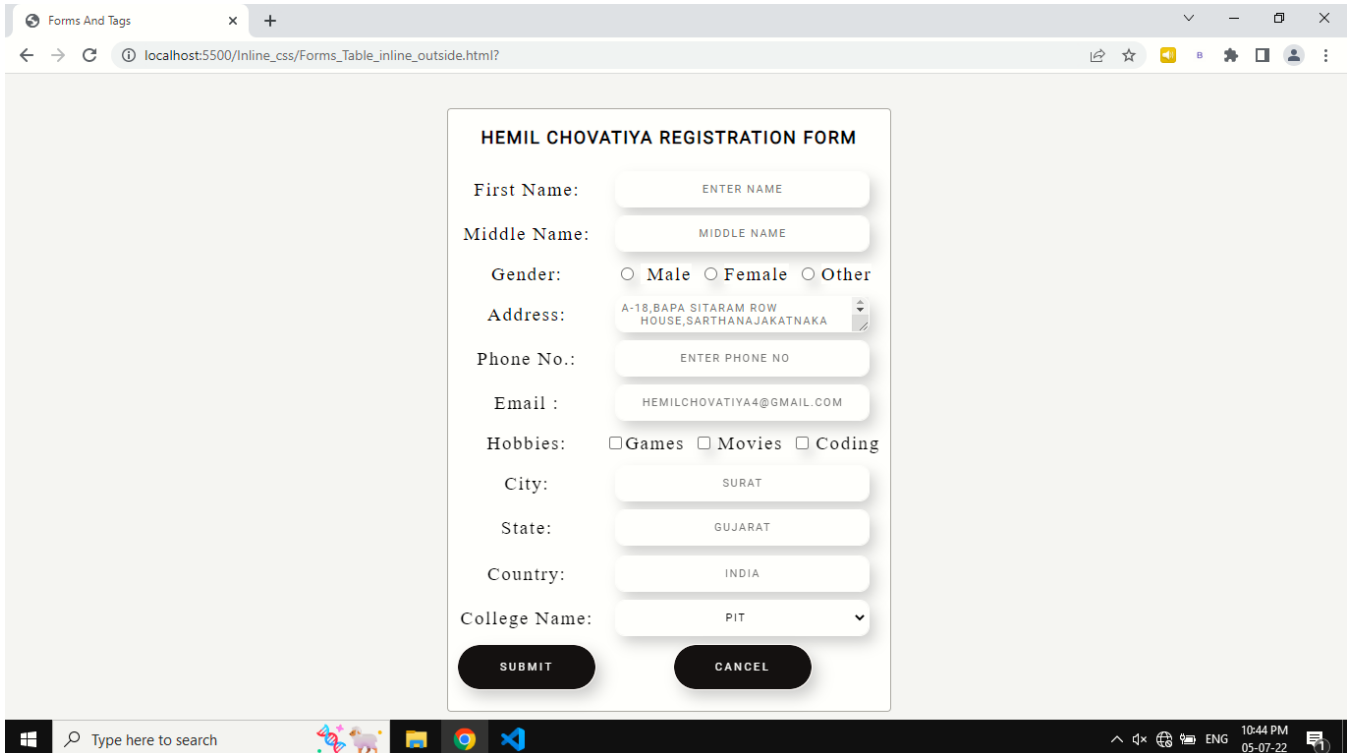
```
 <button style=" width: 140px;height: 45px; font-family: 'Roboto', sans-serif; font-
size: 11px; text-transform: uppercase; letter-spacing: 2.5px; color:white; background-
color: rgb(19, 17, 17); border: none;  border-radius: 45px;  box-shadow: 6px 8px 15px
rgba(0, 0, 0, 0.2);  transition: all 0.3s ease 0s; cursor: pointer; outline: solid 1px
rgb(255, 252, 252);" type="reset">Cancel</button>
        </td></tr> </table> </form> </div>
</body>
</html>
```

Output:

2.Internal Code:

```html
<html>
<head> <title>Forms And Tags</title> </head>
<style>
  html {   background-color: f5f5f5;   text-transform: capitalize;   letter-spacing: 1.5px;   }
  table {   align-self: center;  border: none;   border-color: white;   }
  label,  textarea,  div,   td,   tr,   input {        background-color: white;   }
  p { text-align: center;        font-family: 'Roboto', sans-serif;        font-size: 18px;
     text-transform: uppercase;        color: black;   }
  div {       border: rgb(172, 170, 166);        border-width: 1px;        border-style: solid;
     position: absolute;        top: 35;        left: 450;        width: 450;        border-radius: 4px;   }
  td {       padding: 4px;        font-size: larger;        text-align-last: center;   }
  input[type=radio],   input[type=checkbox]   {        margin: 7px;
     box-shadow: 6px 8px 10px rgba(0, 0, 0.1, 0.1);        transition: all 0.3s ease 0s;   }
  select[class=dropdown],   option[class=opt],   input[type=email],   input[type=number],
  input[type=text],   textarea[type=textarea] {
     width: 257px;        height: 35px;        padding: 5px;        font-family: 'Roboto', sans-serif;
     font-size: 11px;        text-transform: uppercase;        letter-spacing: 1.5px;
     color: #000;        background-color: #fff;        border: none;        border-radius: 9px;
     box-shadow: 6px 8px 15px rgba(0, 0, 0, .2);        transition: all 0.3s ease 0s;
     outline: solid 1px rgb(255, 255, 255)        }
  button {        width: 140px;        height: 45px;        font-family: 'Roboto', sans-serif;
     font-size: 11px;        text-transform: uppercase;        letter-spacing: 2.5px;
     color: white;        background-color: rgb(19, 17, 17);        border: none;
     border-radius: 45px;        box-shadow: 6px 8px 15px rgba(0, 0, 0, 0.2);
     transition: all 0.3s ease 0s;  cursor: pointer;        outline: solid 1px rgb(255, 252, 252);   }
  button:hover {        color: #000;        background-color: #fff;        outline: black;   }
</style>
<body>
  <div>
    <form>
      <b><p>Hemil Chovatiya Registration Form</p> </b>
      <table border=0>
        <tr>
          <td><label>First Name:</label></td>
          <td><input type="text" placeholder="Enter Name"></td>
        </tr><tr>
          <td><label>Middle Name:</label></td>
          <td><input type="text" placeholder="Middle Name"></td>
        </tr><tr>
          <td><label>Gender:</label></td>
          <td><input type="radio"><label> Male</label>
            <input type="radio"><label>Female</label>
```

```html
        <input type="radio"><label>Other</label></td>
    </tr> <tr>
      <td> <label>Address:</label></td>
      <td><textarea cols="30" rows="5" type="textarea" placeholder="A-18,Bapa
Sitaram Row House,Sarthanajakatnaka"></textarea></td>
    </tr> <tr>
      <td><label>Phone No.:</label></td>
      <td><input type="number" placeholder="Enter Phone No"></td>
    </tr><tr>
      <td><label> Email :</label></td>
      <td><input type="email" placeholder="hemilchovatiya4@gmail.com"></td>
    </tr><tr>
      <td><label> Hobbies:</label></td>
       <td><input type="checkbox">Games
       <input type="checkbox">Movies
       <input type="checkbox">Coding
      </td></tr>
    <tr> <td><label>City:</label></td>
      <td><input type="text" placeholder="Surat"></td>
    </tr> <tr>
      <td><label>State:</label></td>
      <td> <input type="text" placeholder="Gujarat"></td>
    </tr><tr></tr>
    <td><label>Country:</label></td>
    <td><input type="text" placeholder="India"></td>
    <tr>
      <td><label>College Name:</label></td>
      <td><select class="dropdown">
          <option class="opt">PIT</option>
          <option class="opt">PIET</option>
          <option class="opt">PU</option>
          <option class="opt">GTU</option>
        </select></td>
    <tr>
      <td><button type="submit">Submit</button></td>
      <td><button type="reset">Cancel</button></td>
    </tr>
  </table></form> </div>
</body>
</html>
```

3.External Code:

```html
<html>
<head> <title>Forms And Tags</title> </head>
<link rel="stylesheet" type="text/css" href="form_css.css">
<body>
  <div>
    <form>
        <b><p>Hemil Chovatiya Registration Form</p> </b>
        <table border=0>
          <tr>
             <td><label>First Name:</label></td>
             <td><input type="text" placeholder="Enter Name"></td>
          </tr><tr>
             <td><label>Middle Name:</label></td>
             <td><input type="text" placeholder="Middle Name"></td>
          </tr><tr>
             <td><label>Gender:</label></td>
             <td><input type="radio"><label> Male</label>
                <input type="radio"><label>Female</label>
                <input type="radio"><label>Other</label></td>
          </tr> <tr>
             <td> <label>Address:</label></td>
             <td><textarea cols="30" rows="5" type="textarea" placeholder="A-18,Bapa
Sitaram Row House,Sarthanajakatnaka"></textarea></td>
          </tr> <tr>
             <td><label>Phone No.:</label></td>
             <td><input type="number" placeholder="Enter Phone No"></td>
          </tr><tr>
             <td><label> Email :</label></td>
             <td><input type="email" placeholder="hemilchovatiya4@gmail.com"></td>
          </tr><tr>
             <td><label> Hobbies:</label></td>
              <td><input type="checkbox">Games
              <input type="checkbox">Movies
              <input type="checkbox">Coding
          </td></tr>
        <tr> <td><label>City:</label></td>
             <td><input type="text" placeholder="Surat"></td>
          </tr> <tr>
             <td><label>State:</label></td>
             <td> <input type="text" placeholder="Gujarat"></td>
          </tr><tr></tr>
          <td><label>Country:</label></td>
```

```html
          <td><input type="text" placeholder="India"></td>
          <tr>
            <td><label>College Name:</label></td>
            <td><select class="dropdown">
                <option class="opt">PIT</option>
                <option class="opt">PIET</option>
                <option class="opt">PU</option>
                <option class="opt">GTU</option>
              </select></td>
          <tr>
            <td><button type="submit">Submit</button></td>
            <td><button type="reset">Cancel</button></td>
          </tr>
        </table></form> </div>
</body>
</html>
```
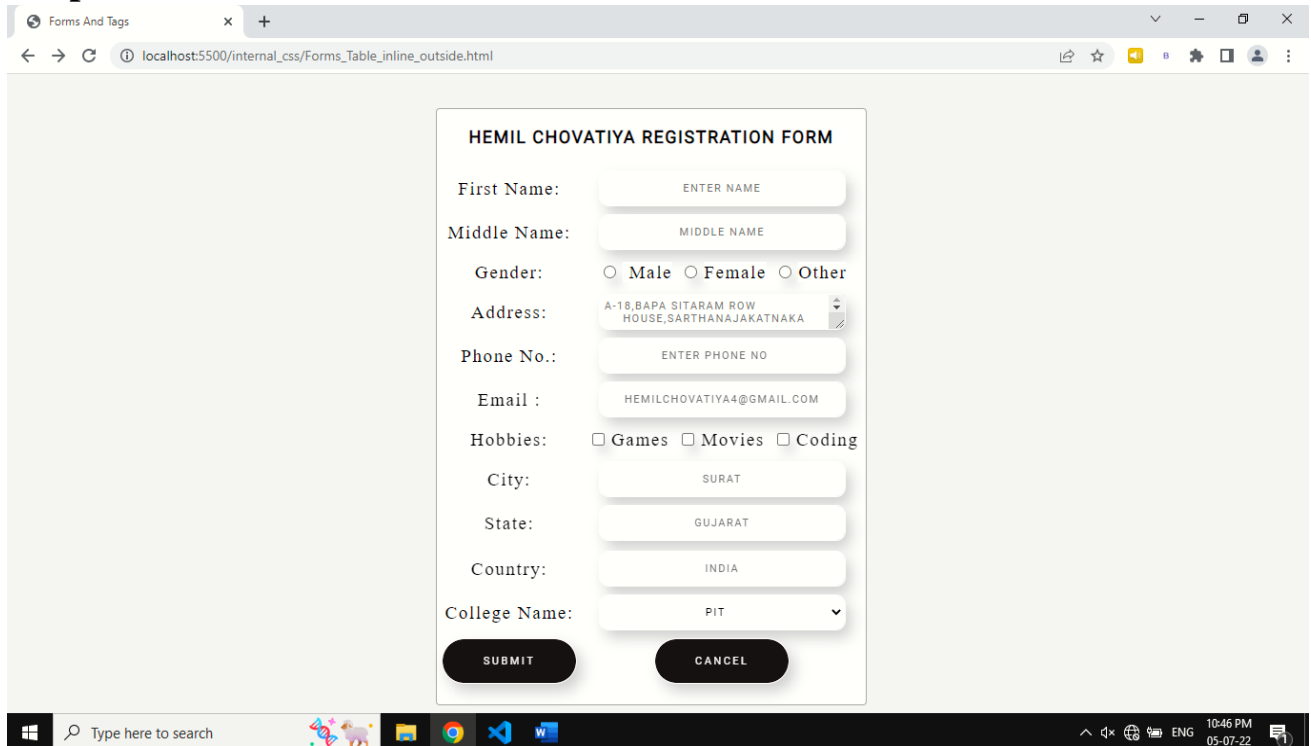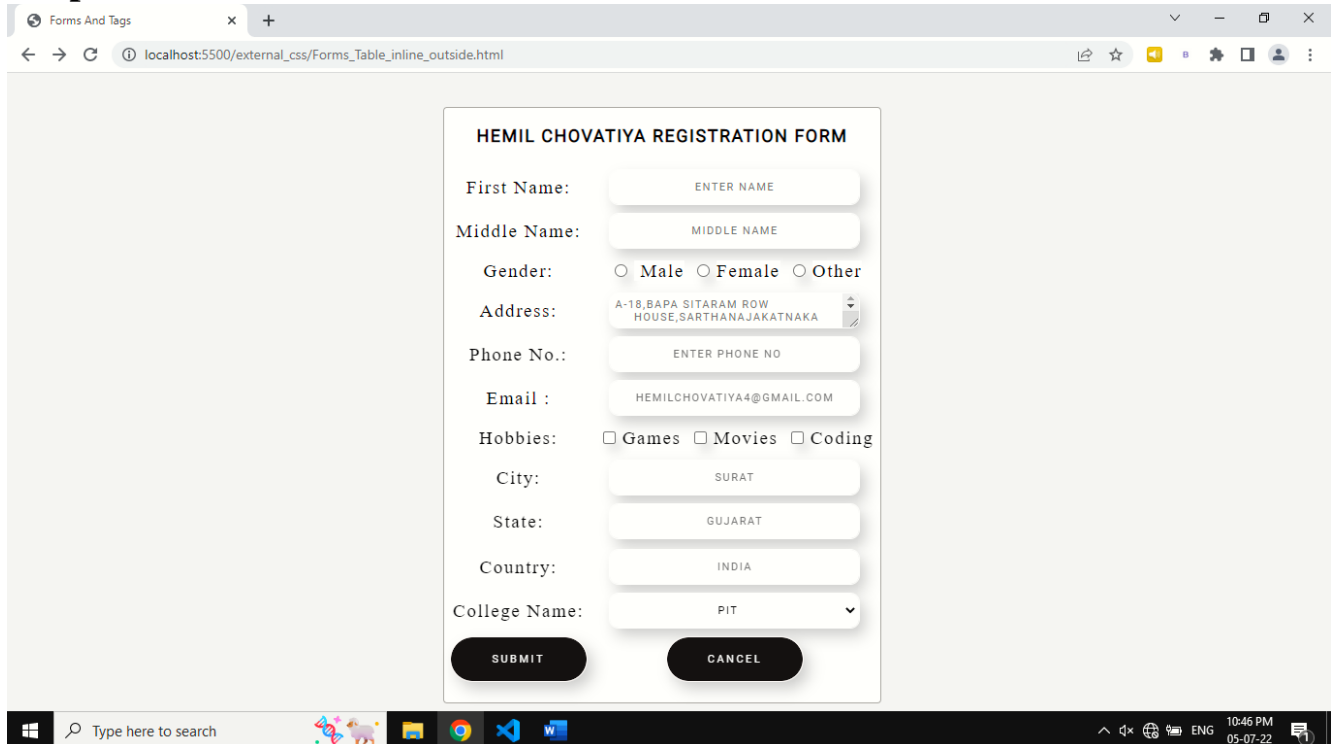
File_css_code:form_css.css

```css
html {   background-color: f5f5f5;   text-transform: capitalize;   letter-spacing: 1.5px;   }
  table {   align-self: center;
 border: none;  border-color: white;   }
  label,  textarea,  div,  td,  tr,  input {     background-color: white;   }
  p { text-align: center;     font-family: 'Roboto', sans-serif;     font-size: 18px;
    text-transform: uppercase;     color: black;   }
  div {     border: rgb(172, 170, 166);     border-width: 1px;     border-style: solid;
    position: absolute;     top: 35;     left: 450;     width: 450;     border-radius: 4px;   }
  td {     padding: 4px;     font-size: larger;     text-align-last: center;   }
input[type=radio],input[type=checkbox]       {
  margin:7px;
  box-shadow: 6px 8px 10px rgba(0, 0, 0.1, 0.1);
  transition: all 0.3s ease 0s;          s}
  select[class=dropdown],   option[class=opt],   input[type=email],   input[type=number],
  input[type=text],   textarea[type=textarea] {
    width: 257px;     height: 35px;     padding: 5px;     font-family: 'Roboto', sans-serif;
    font-size: 11px;     text-transform: uppercase;     letter-spacing: 1.5px;
    color: #000;     background-color: #fff;     border: none;     border-radius: 9px;
    box-shadow: 6px 8px 15px rgba(0, 0, 0, .2);     transition: all 0.3s ease 0s;
    outline: solid 1px rgb(255, 255, 255)           }
  button {     width: 140px;     height: 45px;     font-family: 'Roboto', sans-serif;
    font-size: 11px;     text-transform: uppercase;     letter-spacing: 2.5px;
    color: white;     background-color: rgb(19, 17, 17);     border: none;
    border-radius: 45px;     box-shadow: 6px 8px 15px rgba(0, 0, 0, 0.2);
    transition: all 0.3s ease 0s;  cursor: pointer;     outline: solid 1px rgb(255, 252, 252);  }
  button:hover {     color: #000;     background-color: #fff;     outline: black;   }
```

Output Internal:

Output External:

PRACTICAL 8

AIM: Implement 2D transformation on Web page.

Code:

```html
<html>
<head>
  <title>2_d Transform Property</title>
  <style>
    table {              outline: 1px solid #d5d5d5;
      border-radius: 5px;
      box-shadow: 6px 8px 15px rgba(0, 0, 0, .2);
    }
    p {         font-weight: 20;
      font-size: 18px;
    }
    td,tr {          padding: 18px;
    }
    div{          width: 150px;
      height: 80px;
      background-color: #FEE398;
      outline: 1px solid #FEE398;}
    div.ab{           transform: rotate(0deg);
    }
    div.a{          transform: rotate(20deg);
    }
    div.b{             transform: skew(20deg, 20deg);
    }
    div.c {          transform: scale(1.2, 0.9);
    }
    div.d {          transform: translate(20px, 5px);
    }
    div.e {          transform: matrix(0.586, 0.8, -0.8, 0.586, 0, 0);          }
  </style></head><body>
  <table border=0 align="center">
    <tr>
      <th><p>Transform Property</p></th>
      <th><p>Before</p></th>
      <th><p>After</p></th>
    </tr><tr>
      <td><p>transform: rotate(20deg):</p></td>
      <td><div class="ab">Hemil Chovatiya!</div></td>
      <td><div class="a">Hemil Chovatiya!</div></td>
```

```
</tr>
<td><p>transform: skew(20deg,20deg):</p></td>
<td><div class="ab">Hemil Chovatiya!</div></td>
<td><div class="b">Hemil Chovatiya!</div></td>
<tr>
    <td><p>transform: scale(1,1):</p></td>
    <td><div class="ab">Hemil Chovatiya!</div></td>
    <td><div class="c">Hemil Chovatiya!</div></td>
</tr><tr>
    <td><p>transform: translate(20px,15px):</p></td>
    <td><div class="ab">Hemil Chovatiya!</div></td>
    <td><div class="d">Hemil Chovatiya!</div></td>
</tr>
<tr><td><p>transform: matrix(0.586,0.8,-0.8,0.586,0,0);</p></td>
    <td><div class="ab">Hemil Chovatiya!</div></td>
    <td><div class="e">Hemil Chovatiya!</div></td>
</tr>
</table></body></html>
```

Output:
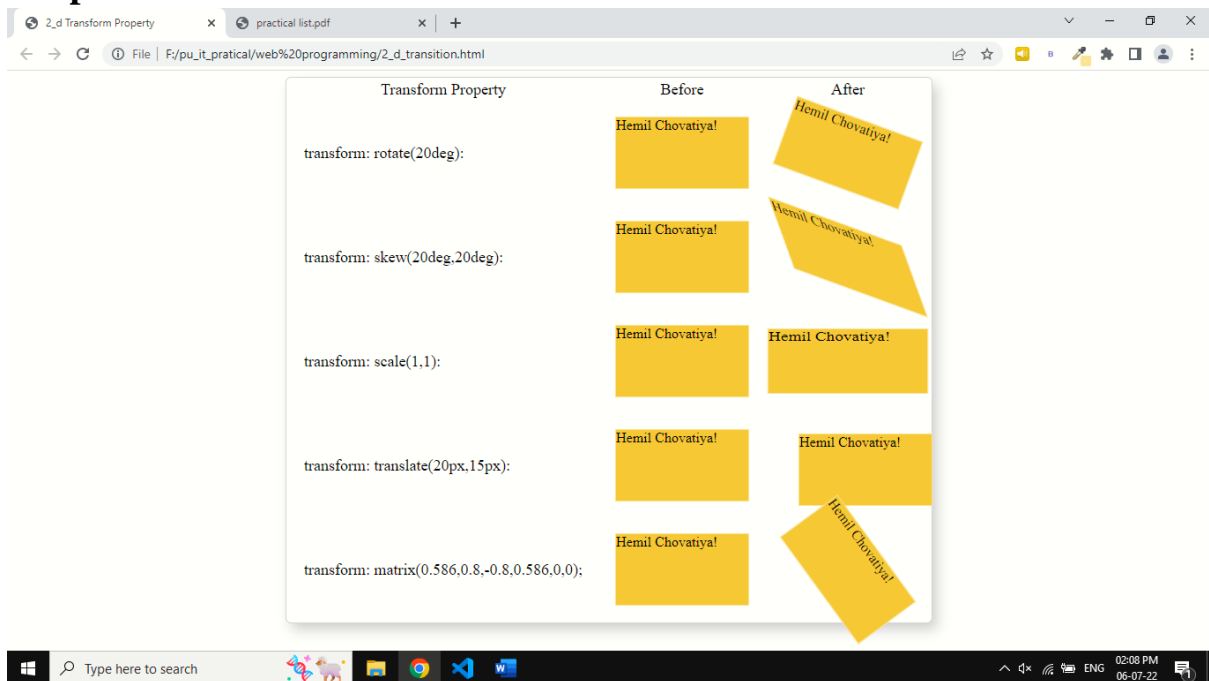
PRACTICAL 9

AIM: To create an html page to explain the use of various predefined functions in an array & Date object in JavaScript.

Code:

```
<!DOCTYPE html>
<html>
<head>
  <title>
    array
  </title>
  <style>
    * {        font-size: 15px;
               text-align: center;
               text-transform: capitalize;        }
    button{
    width: 140px;
    height: 45px;
    font-family: 'Roboto', sans-serif;
    font-size: 11px;
    text-transform: uppercase;
    letter-spacing: 2.5px;
    color: white;
    background-color: rgb(19, 17, 17);
    border: none;
    border-radius: 45px;
    box-shadow: 6px 8px 15px rgba(0, 0, 0, 0.2);
    transition: all 0.3s ease 0s;
    cursor: pointer;
    outline: solid 1px rgb(255, 252, 252);}
    button:hover {
    color: #000;
    background-color: #fff;
    outline: black;        }
  </style>
</head>
<body><h2>
  <table border="0" height="300px" width="1000px">
  <tr>    <td><p>Array</p></td>
  <td><button onclick="array()">Print Array</button></td>
    <td><p id="array_friend"></p></td>
  </tr>    <tr>
```

```
<td><p>Array Push</p></td>
    <td><button onclick="array_push()">Print push Array</button></td>
        <td><p id="array_push1"></p>
<p id="array_push2"></p></td>
</tr><tr>
    <td><p>Array Pop</p></td>
        <td><button onclick="array_pop()">pop Array Method</button></td>
            <td><p id="array_pop1"></p>
<p id="array_pop2"></p></td>
</tr><tr>
    <td><p>Array join</p></td>
    <td><button onclick="array_join()">join Array Method</button></td>
        <td><p id="array_join1"></p>
<p id="array_join2"></p></td>
    </tr><tr>
        <td><p>Array Shift</p></td>
            <td><button onclick="array_shift()">shift Array Method</button></td>
                <td><p id="array_shift1"></p>
<p id="array_shift2"></p></td>

</tr><tr>
    <td><p>Array unShift</p></td>
    <td><button onclick="array_unshift()">unshift Array Method</button></td>
        <td><p id="array_unshift1"></p>
    <p id="array_unshift2"></p></td>
 </tr><tr>
    <td><p>Array slice</p></td>
<td><button onclick="array_slice()">slice Array Method</button></td>
    <td><p id="array_slice1"></p>
    <p id="array_slice2"></p></td>
    </tr> </table></h2>
    <script>
    const friends=["hemil","raj","sahil","romit","jay","krish","dharmik","tirth"];
    function array()
    {        document.getElementById("array_friend").innerHTML = friends;       }
    function array_push()
    { document.getElementById("array_push1").innerHTML = " Before push : "+friends;
        friends.push("shrey");
        document.getElementById("array_push2").innerHTML = " After push : "+friends;   }
    function array_pop()
    { document.getElementById("array_pop1").innerHTML = " Before pop : "+friends;
        friends.pop("shrey");
        document.getElementById("array_pop2").innerHTML = " After pop : "+friends;
```

```
    }
    function array_join()
    {   document.getElementById("array_join1").innerHTML = " Before join : "+friends;
        document.getElementById("array_join2").innerHTML = " After join :
"+friends.join(" / / ");        }
    function array_shift()
    { document.getElementById("array_shift1").innerHTML = " Before shift : "+friends;
        friends.shift();
        document.getElementById("array_shift2").innerHTML = " After shift : "+friends;    }
    function array_unshift()
    {
document.getElementById("array_unshift1").innerHTML = " Before unshift : "+friends;
        friends.unshift("roni");
        document.getElementById("array_unshift2").innerHTML = " After unshift :
"+friends;        }
    function array_slice()
    {   document.getElementById("array_slice1").innerHTML = " Before slice : "+friends;
        friends.slice(2, 0, "hiren", "miren");
        document.getElementById("array_slice2").innerHTML = " After slice : "+friends;   }
    </script>
</body>
</html>
```

Output:

Part b Code:

```html
<!DOCTYPE html>
<html>
<head>
   <title>
     JavaScript new Date() obj
   </title>
   <style>
     * {
        font-size: 15px;
        text-align: center;
        text-transform: capitalize;
     }
   </style>
</head>
<body>
<h2>JavaScript new Date() object </h2>
<p>-62167200000000 milliseconds from Jan 1, 1970, is approximately Sat Jan 01 0000:</p>
<p id="date" ></p>
<script>
const d = new Date(-62167200000000);
document.getElementById("date").innerHTML = d;
</script>
</body></html>
```

Output:
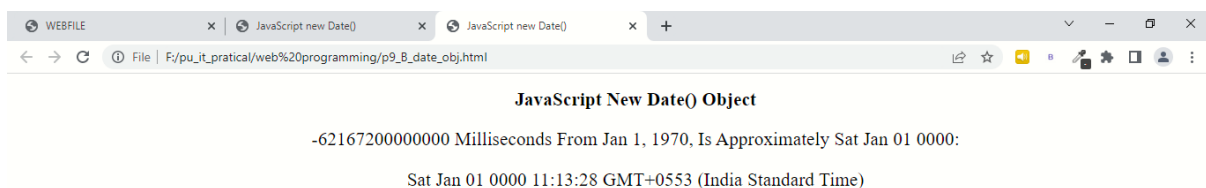
PRACTICAL 10

AIM: Write a Program to show use of alert, confirm and prompt box.

Code:

```html
<!DOCTYPE html>
<html>
<head>
<title>
Alert,Prompt,Confirm Box
</title>
<style>
  *{
    text-align: center;
  }

  button{width: 140px;
    height: 45px;
    font-family: 'Roboto', sans-serif;
    font-size: 11px;
    text-transform: uppercase;
    letter-spacing: 2.5px;
    color: white;
    background-color: rgb(19, 17, 17);
    border: none;
    border-radius: 45px;
    box-shadow: 6px 8px 15px rgba(0, 0, 0, 0.2);
    transition: all 0.3s ease 0s;
    cursor: pointer;
    outline: solid 1px rgb(255, 252, 252);}
    button:hover {
    color: #000;
    background-color: #fff;
    outline: black;
  }
</style>
</head>
<body>
<h2>Java Script Alert Box</h2>
<button onclick="alert_hemil()">Click Here</button>
<h2>JavaScript Confirm Box</h2>
  <button onclick="confirmFunction()">Try it</button>
  <p id="masge"></p>
```

```
<h2>JavaScript Prompt Box</h2>
    <button onclick="prompt_Function()">Prompt Try it</button>
    <p id="inp"></p>
<script>
    function alert_hemil()
    {
        var msg="This is alert message to Hemil";
        alert(msg);
    }
    function confirmFunction() {
            var txt;
            if (confirm("Press a button!")) {
                txt = "You pressed OK!";
            } else {
                txt = "You pressed Cancel!";
            }
            document.getElementById("masge").innerHTML = txt;
        }
    function prompt_Function()
    {
        var h=prompt("Enter Message:","Hemil Chovatiya");
        if(h!=null && h!="")
        {
            document.getElementById("inp").innerHTML="Hello, "+h+",welcome to app";
        }
        else
        {
            document.getElementById("inp").innerHTML("Not Valid");
        }
    }
</script>
</body>
</html>
```
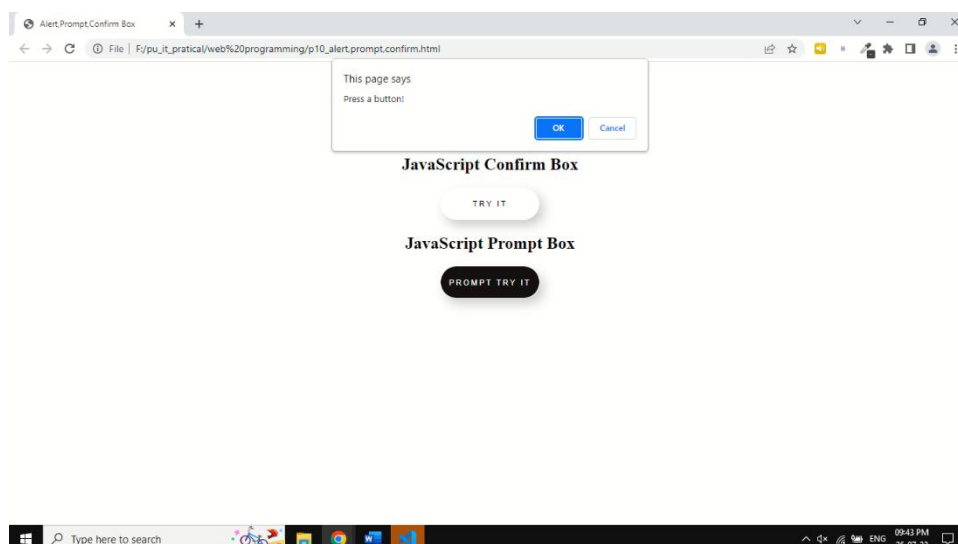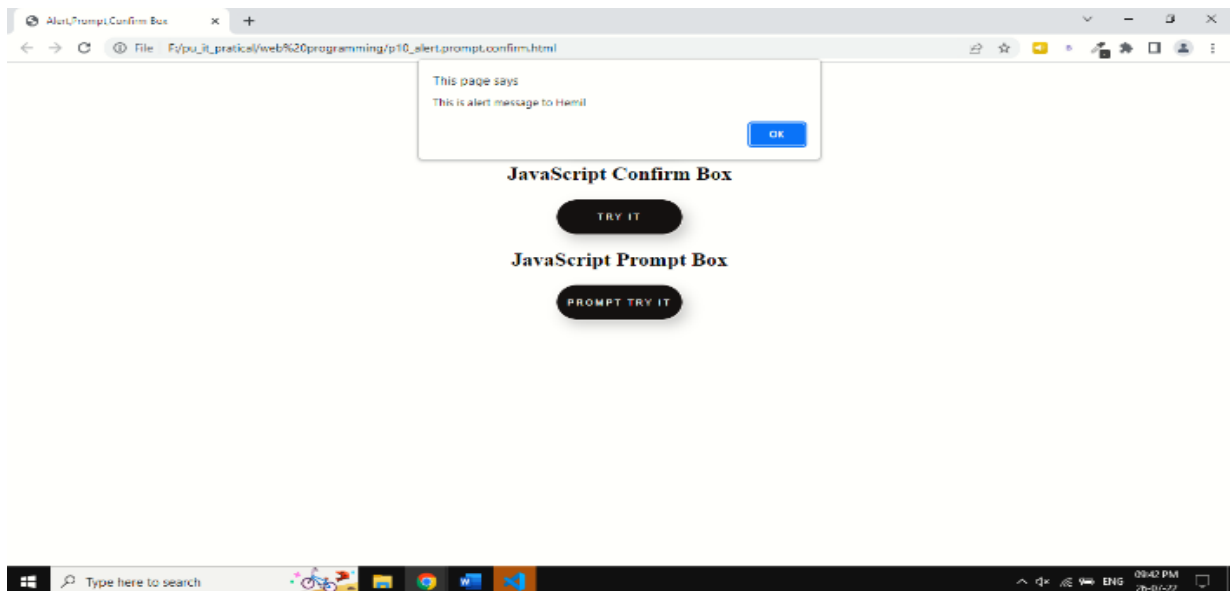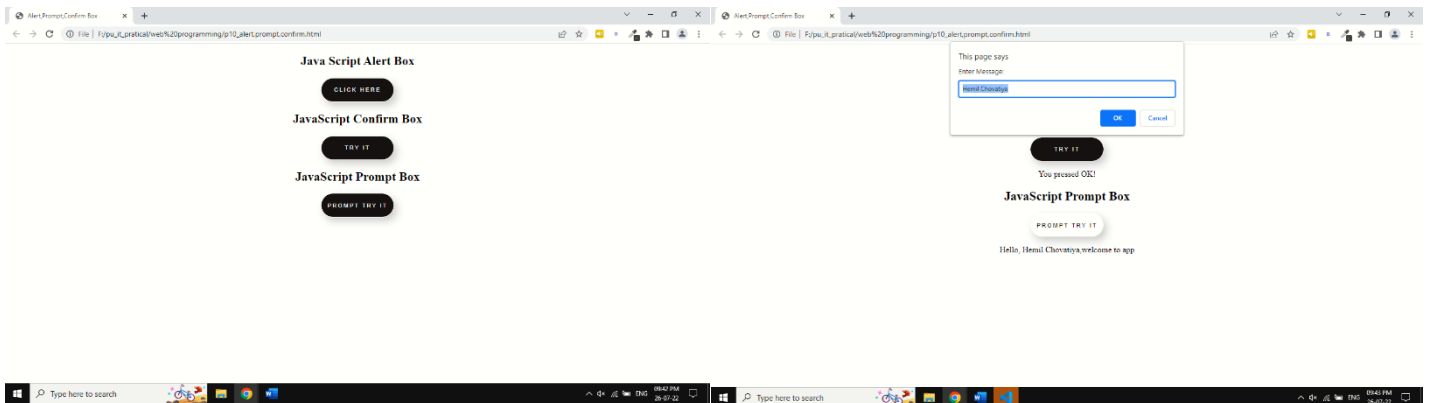
PRACTICAL 11

AIM: Write JavaScript to perform the following operations:

a. to find highest from given three values

b. to calculate factorial of n.

Code:

```
<!DOCTYPE html><html>
<head><title>      find highest from given three value    </title>
  <style>
    * {                text-align: center;
        font-family: 'Roboto', sans-serif;
        font-size: 20px;
        letter-spacing: 2.5px;
        text-transform: capitalize;        }
    button {          width: 140px;
        height: 45px;
        font-family: 'Roboto', sans-serif;
        font-size: 11px;
        text-transform: uppercase;
        letter-spacing: 2.5px;
        color: white;
        background-color: rgb(19, 17, 17);
        border: none;
        border-radius: 45px;
        box-shadow: 6px 8px 15px rgba(0, 0, 0, 0.2);
        transition: all 0.3s ease 0s;
        cursor: pointer;
        outline: solid 1px rgb(255, 252, 252);              }
    td,  th {          padding: 15px;        }
    input {          width: 257px;
        height: 35px;
        padding: 5px;
        font-family: 'Roboto', sans-serif;
        font-size: 16px;
        text-transform: uppercase;
        letter-spacing: 1.5px;
        color: #000;
        background-color: #fff;
        border: none;
        border-radius: 9px;
        box-shadow: 6px 8px 15px rgba(0, 0, 0, .2);
```

```
            transition: all 0.3s ease 0s;
            outline: solid 1px rgb(255, 255, 255);                    }
    </style>
</head><body>
        <table border="0" align="CENTER">
          <tr>
            <th class="header" colspan="2"> Find Largest Value </th>
          </tr>
          <tr>
            <td> First Number</td>
            <td> <input id="id1" type="text" name="number" placeholder="Enter Number"
required> </td>
          </tr>
          <tr>
            <td> Second Number</td>
            <td> <input id="id2" type="text" name="number" placeholder="Enter Number"
required> </td>
          </tr>
          <tr>
          <tr>
            <td> Third Number</td>
            <td> <input id="id3" type="text" name="number" placeholder="Enter Number"
required> </td>
          </tr>
          <tr>
            <td> <button onclick="largest()">ANSWER</button> </td>
            <th class="ans">
              <div id="ans"></div>
            </th>
          </tr>
        </table><br><br>
        <table border="0" align="center">
          <tr>
            <th colspan="2"> Find Factorial Of Nth Number </th>
          </tr>
          <tr>
            <td> Enter Nth Number </td>
            <td> <input id="f1" type="text" name="number" placeholder="Enter Number"
required> </td>
          </tr>
          <tr>
            <td> <button onclick="factorial()">ANSWER</button> </td>
            <th>
```

```
        <div id="fans"></div>
      </th>
    </tr>
  </table>

<script>   function factorial() {
    let n = Number(document.getElementById("f1").value);
    let fact = 1;
    for (let i = 1; i <= n; i++) {
      fact = fact * i;        }
    let f = ("Factorial Of " + n + " is " + fact);
    document.getElementById("fans").innerHTML = f;    }
  function largest() {
    let d;
    let a = Number(document.getElementById("id1").value);
    let b = Number(document.getElementById("id2").value);
    let c = Number(document.getElementById("id3").value);
    if (a >= b && a >= c) {         d = (a + " is the largest element");        }
    else if (b >= a && b >= c) {        d = (b + " is the largest element");        }
    else { d = (c + " is the largest element"); }
    document.getElementById("ans").innerHTML = d;    }
</script></body></html>
```
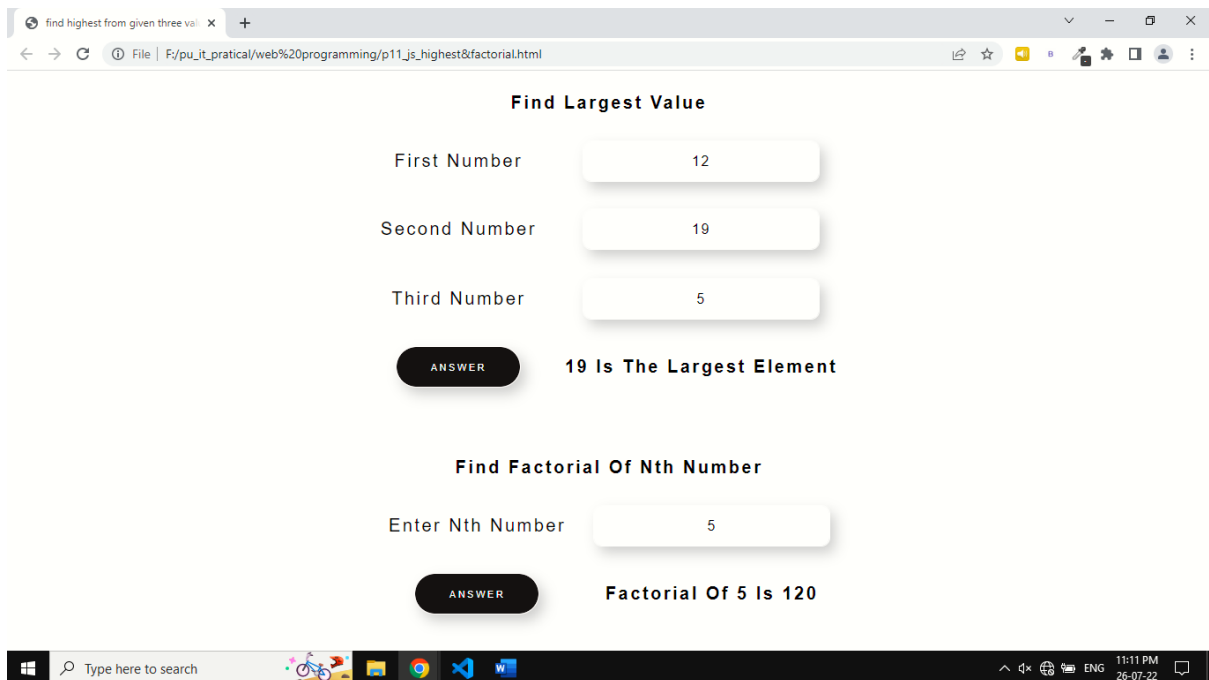
Output:

PRACTICAL 12

AIM: Write JavaScript to perform the following operations:

a. to calculate sum of 1 to n

b. to check whether given number is palindrome or not.

Code:

```
<!DOCTYPE html>
<html><head>
  <title>      sum & palidrome   </title>
  <style>
    * {        text-align: center;
        font-family: 'Roboto', sans-serif;
        font-size: 20px;
        letter-spacing: 2.5px;
        text-transform: capitalize;      }
    button {             width: 140px;
        height: 45px;
        font-family: 'Roboto', sans-serif;
        font-size: 11px;
        text-transform: uppercase;
        letter-spacing: 2.5px;
        color: white;
        background-color: rgb(19, 17, 17);
        border: none;
        border-radius: 45px;
        box-shadow: 6px 8px 15px rgba(0, 0, 0, 0.2);
        transition: all 0.3s ease 0s;
        cursor: pointer;
        outline: solid 1px rgb(255, 252, 252);       }
    td,   th {        padding: 15px;       }
 input {       width: 257px;
        height: 35px;
        padding: 5px;
        font-family: 'Roboto', sans-serif;
        font-size: 16px;
        text-transform: uppercase;
        letter-spacing: 1.5px;
        color: #000;
        background-color: #fff;
        border: none;
        border-radius: 9px;
```
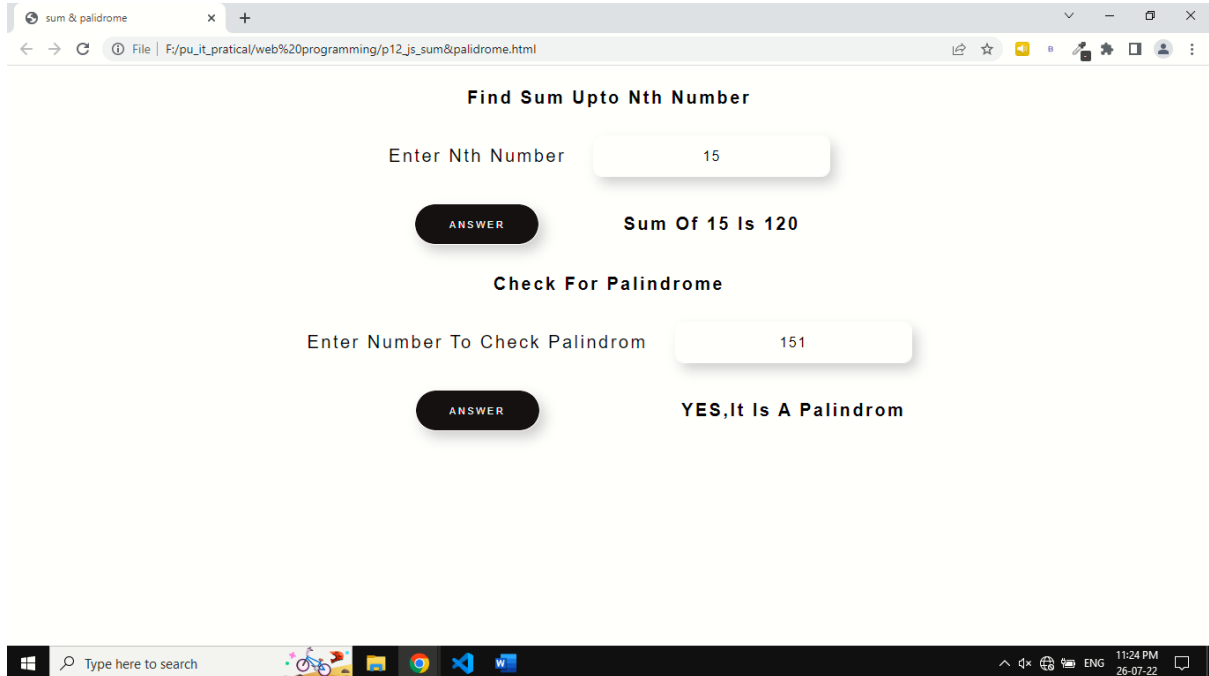
```
        box-shadow: 6px 8px 15px rgba(0, 0, 0, .2);
        transition: all 0.3s ease 0s;
        outline: solid 1px rgb(255, 255, 255);        }
    </style>
</head><body>
    <table align="center" border="0">
        <tr>          <th colspan="2"> Find Sum upto Nth number </th>        </tr>
        <tr>          <td> Enter Nth Number </td>
        <td> <input id="s1" type="text" name="number" placeholder="Enter Number"
required> </td>
        </tr>       <td> <button onclick="sum()">ANSWER</button> </td>
        <th>          <div id="sum"></div>       </th>        </tr>
    </table>
    <table border="0" align="center">
        <tr> <th colspan="2"> Check For Palindrome </th>
        </tr> <tr>
        <td> Enter Number to check Palindrom </td>
        <td> <input id="p1" type="text" name="number" placeholder="Enter Number"
required> </td>
        </tr> <tr>  <td> <button onclick="palindrome()">ANSWER</button> </td>
        <th>          <div id="pd"></div>          </th>        </tr>
    </table>
<script>  function sum() {
        let n = Number(document.getElementById("s1").value);
        let sum = 0;
        for (let i = 1; i <= n; i++) {
            sum = sum + i;
        }
        let f = ("Sum Of " + n + " is " + sum);
        document.getElementById("sum").innerHTML = f;    }
    function palindrome() {
        let a = document.getElementById("p1").value;
        let b = "";
        for (let i = a.length - 1; i >= 0; i--) {          b += a[i];       }
        if (b == a) {
            document.getElementById("pd").innerHTML = "YES,It is a Palindrom";
        }
        else { document.getElementById("pd").innerHTML = "NO, It is not a Plindrom"; }    }
</script></body></html>
```
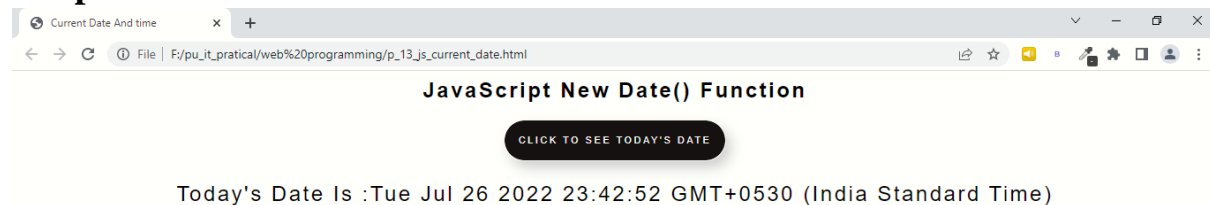
PRACTICAL 13

AIM: Write a Java Script program to print current date & time.

Code:

```
<html><head> <title> Current Date And time </title><style>
     * {    text-align: center;
        font-family: 'Roboto', sans-serif;
        font-size: 24px;
        letter-spacing: 2.5px;
        text-transform: capitalize;        }
     button{width: 250px;
     height: 45px;
     font-family: 'Roboto', sans-serif;
     font-size: 11px;
     text-transform: uppercase;
     letter-spacing: 2.5px;
     color: white;
     background-color: rgb(19, 17, 17);
     border: none;
     border-radius: 45px;
     box-shadow: 6px 8px 15px rgba(0, 0, 0, 0.2);
     transition: all 0.3s ease 0s;
     cursor: pointer;
     outline: solid 1px rgb(255, 252, 252);}
</style></head><body><h2>JavaScript new Date() Function</h2>
<button onclick="date()">click to see today's date</button>
<p id="date1"></p>
<script>function date(){        const date = new Date();
     document.getElementById("date1").innerHTML = "Today's Date is :"+date;}
</script></body></html>
```

Output:

PRACTICAL 14

AIM: Create CD Catalogue Table in XML and display it using XSL Style Sheet.

Code:File: p14_a.xml

```xml
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="p14_b.xsl"?>
<catalog>
<cd>
<Player>Ronaldo </Player>
<Sports>Football </Sports>
<Bidding>$25M</Bidding>
<Country>Portugal</Country>
<Team>Manchester United</Team>
</cd><cd>
<Player>Lionel Messi </Player>
<Sports>Football </Sports>
<Bidding>$40M</Bidding>
<Country>Argentina </Country>
<Team>PSG</Team>
</cd><cd>
<Player>Virat Kohli</Player>
<Sports>Cricket</Sports>
<Bidding>$50M</Bidding>
<Country>India</Country>
<Team>RCB</Team>
</cd><cd>
<Player>MS Dhoni</Player>
<Sports>Cricket </Sports>
<Bidding>$50M</Bidding>
<Country>India</Country>
<Team>CSK</Team>
</cd><cd>
<Player>Toni Cross</Player>
<Sports>Football</Sports>
<Bidding>$30M</Bidding>
<Country>Germany</Country>
<Team>Real Madrid</Team>
</cd><cd>
<Player>Hardik Pandya</Player>
<Sports>Cricket </Sports>
<Bidding>$60M</Bidding>
```
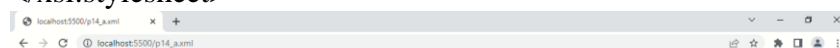
```
<Country>India</Country>
<Team>Gujarat Titans</Team>
</cd></catalog>
```

Code: File: p14_b.xsl

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:template match="/">
<html>
<body>
<h1 align="center"> Details with Salaries of Player</h1>
<table border="3" align="center" >
<tr>
<th>Player</th>
<th>Sports</th>
<th>Bidding</th>
<th>Country</th>
<th>Team</th>
</tr>
<xsl:for-each select="catalog/cd">
<tr>
<td><xsl:value-of select="Player"/></td>
<td><xsl:value-of select="Sports"/></td>
<td><xsl:value-of select="Bidding"/></td>
<td><xsl:value-of select="Country"/></td>
<td><xsl:value-of select="Team"/></td>
</tr>
</xsl:for-each>
</table> </body>
</html>
</xsl:template>
</xsl:stylesheet>
```


Details with Salaries of Player

Player	Sports	Bidding	Country	Team
Ronaldo	Football	$25M	Portugal	Manchester United
Lionel Messi	Football	$40M	Argentina	PSG
Virat Kohli	Cricket	$50M	India	RCB
MS Dhoni	Cricket	$50M	India	CSK
Toni Cross	Football	$30M	Germany	Real Madrid
Hardik Pandya	Cricket	$60M	India	Gujarat Titans

PRACTICAL 15

AIM: 15 Creating the JavaScript file to handle our json.

Code A: Sender

```html
<html>
   <head><style>
       *{
           font-family: arial;
           text-align: center;
       }
     </style></head>
   <body>
     <h2>Create JSON string from a JavaScript object.</h2>
<h2> When sending data to a web server, the data has to be a string</h2>
     <p id="demo"></p>
     <script>
       var obj = {Name: "Hemil Chovatita", Dept: "IT" , Enrollment: "200303108003",Age:
21, Sem:"5th",Hobbies:"Playing Games",City: "Surat"};
       var myJSON = JSON.stringify(obj);
       document.getElementById("demo").innerHTML = myJSON;
     </script>
   </body>
</html>
```
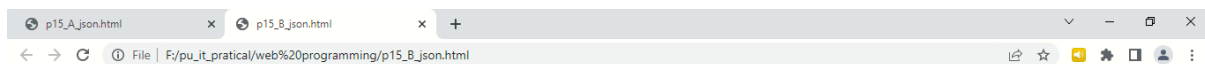
Output:
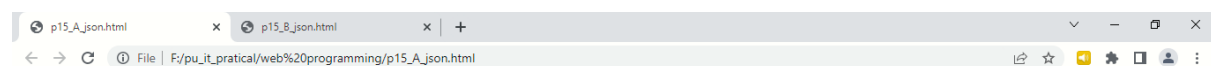
Code B:Receiver

```html
<html>
   <head><style>
       *{
                    font-family: arial;
                     text-align: center;
 }
       </style></head>
<body>
 <h2>Create Object from JSON String</h2>
 <h2>When receiving data from a web server, the data is always a string</h2>
 <p id="demo"></p>
 <script>
  var txt = '{"Name": "Hemil Chovatita", "Dept": "IT" , "Enrollment":
"200303108003","Age": 21, "City": "Surat"}'
  var obj = JSON.parse(txt);
 document.getElementById("demo").innerHTML = obj.Name + ", " + obj.Dept+ ", " +
obj.Enrollment+ ", " + obj.City+ ", " + obj.Age;
 </script>
</body>
</html>
```
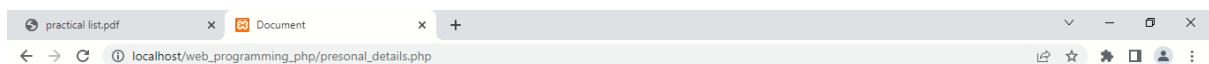
Output:

PRACTICAL 16

AIM: Write a PHP code to print your personal details.

Code :

```php
<?php
echo '<!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">
    <title>Document</title>
    <style>
       *{        font-size:15;      }
    </style>
</head><body>
    <h1>Name : Hemil Chovatiya</h1><br>
    <h1>Enrollment No: 200303108003</h1><br>
    <h1>Department : Information Technology</h1><br>
    <h1>Year : 3rd </h1><br>
    <h1>From : Surat</h1><br>
</body>
</html>';?>
```

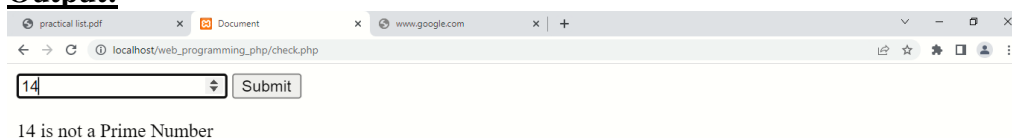## Output:

PRACTICAL 17

AIM: Write a PHP code to shows the use of Decision Making and find out if given number is prime or not prime.

Code :

```
<!DOCTYPE html>
<html lang="en">
<head><title>Document</title>
</head><body>
   <form method="post">
   <input placeholder="Enter Number" name="number" type="number" class="no">
   <input type='submit'>
   </form>
</body></html>
<?php
if($_POST)
{    $a=$_POST["number"];
$p=0;
for($i=1;$i<=$a;$i++)
  {    if($a % $i == 0)
    {      $p++;    }
  }
if($p==2)
   {     echo "<br>".$a." is a Prime Number";    }
else
   {      echo "<br>".$a." is not a Prime Number";    }
} ?>
```

Output:

PRACTICAL 18

AIM: Write a PHP code for database connection with MySQL and also perform Insert and Delete.

Code :

```php
<?php
 $host = "localhost:3307";
 $user = "root";
 $pass = "";
 $db = "db_connect";
 $con = mysqli_connect($host,$user,$pass,$db);
 if(!$con){
    die("Database Connection Error");
    die("Connection failed: " . mysqli_connect_error());
 }else{    // sql to create table
$sql = "CREATE TABLE contact(
 Id VARCHAR(80) NOT NULL,
 name VARCHAR(80) NOT NULL,
 email VARCHAR(80) NOT NULL,
 phone VARCHAR(80) NOT NULL,
 message VARCHAR(80) NOT NULL,
 iid INT(6) UNSIGNED AUTO_INCREMENT PRIMARY KEY,
 reg_date TIMESTAMP DEFAULT CURRENT_TIMESTAMP ON UPDATE
CURRENT_TIMESTAMP  );";
 if (mysqli_query($con, $sql)) {
   echo "Database Connection success and Table Contact created successfully :";
 } else {
   if(mysqli_error($con) == "Table 'contact' already exists")
   {    echo 'Database Connection Success :';    }
   else{    echo "Error creating table: " . mysqli_error($con);    } }  }
function gettbdata($id,$name,$email,$phone,$message)
{ $element= "<tr><td>$id</td><td>$name</td><td>$email</td> <td>$phone</td>
 <td>$message</td></tr> ";    echo $element;}
 $msg='';
 if(isset($_POST['insert'])){
    $id = $_POST['id'];
  $name = $_POST['name'];
  $email = $_POST['email'];
  $phone = $_POST['number'];
  $message = $_POST['message'];
  $res = mysqli_query($con," INSERT INTO contact(Id,name,email,phone,message)
VALUES('$id','$name','$email','$phone','$message') ");
```
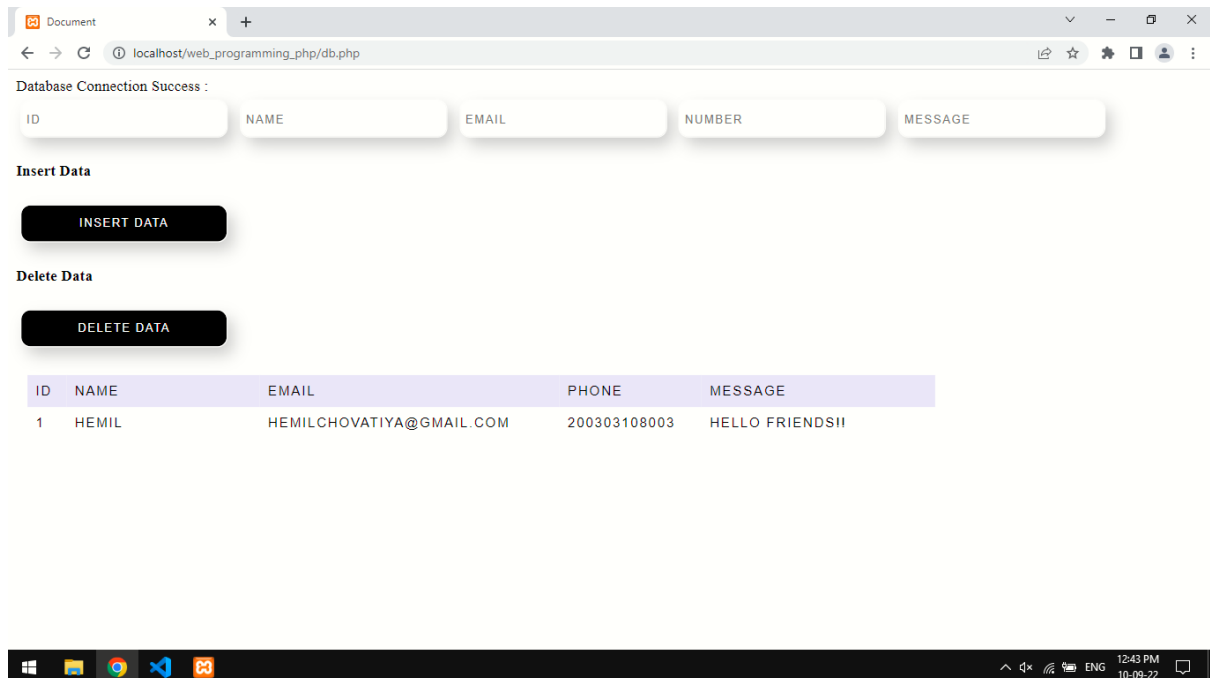
```php
if($res==1){        $msg = " inserted data Successfully";
        echo $msg;    }
else{     $msg = " Please Enter valid details";
    echo $msg;    } }
$msg='';
if(isset($_POST['delete'])){
    $id = $_POST['id'];
 $name = $_POST['name'];
 $email = $_POST['email'];
 $phone = $_POST['number'];
 $message = $_POST['message'];
 $res = mysqli_query($con,"delete from contact where Id='$id' or name='$name' or
email='$email' or phone='$phone' or message='$message';");
 if($res==1){        $msg = " Deleted data Successfully";
   echo $msg;   }
 else{     $msg = " Please Enter valid details to delete";
    echo $msg;    } } ?>
```
```html
<!DOCTYPE html><html lang="en">
<head> <title>Document</title>
  <style>  * {     font-size: 15px;   }
  input {
    width: 200px;     height: 35px;     padding: 5px;      margin: 5px;
    font-family: 'Roboto', sans-serif;      font-size: 11px;     text-transform: uppercase;
    letter-spacing: 1.5px;          color: #000;    background-color: #fff;      border: none;
    border-radius: 9px;       box-shadow: 6px 8px 15px rgba(0, 0, 0, .2);
    transition: all 0.3s ease 0s;       outline: solid 1px rgb(255, 255, 255);    }
  input[type="submit"] {      color: #fff;      background-color: #000;      border: none;
    border-radius: 9px;       box-shadow: 6px 8px 15px rgba(0, 0, 0, .2);
    transition: all 0.3s ease 0s;       outline: solid 1px rgb(255, 255, 255);    }
   table,td {     font-family: 'Roboto', sans-serif;        font-size: 13px;
   text-transform:uppercase;       letter-spacing: 1.5px;       padding: 8px;       margin: 3px;}
  </style></head><body>
  <form method="post">
    <input type="text" name="id" placeholder="id" />
    <input type="text" name="name" placeholder="Name" />
    <input type="email" name="email" placeholder="Email" />
    <input type="number" name="number" placeholder="number" />
    <input type="text" name="message" placeholder="message" />
    <h4>Insert Data</h4>
    <input type="submit" value="insert data" name="insert" placeholder="insert" />
    <h4>Delete Data</h4>
    <input type="submit" value="delete data" name="delete" placeholder="delete" />
  </form>
```

```php
<?php
 $sql1 = "select * from contact;";
  echo ' <table width="900" border="0" cellpadding="0" cellspacing="0">
   <tr>
     <td width="100" height="30" bgcolor="lavender">id</td>
     <td width="1800" bgcolor="lavender">name</td>
     <td width="800" bgcolor="lavender">email</td>
     <td width="350" bgcolor="lavender">phone</td>
     <td width="1950" bgcolor="lavender">message</td>
   </tr>';
 $result=mysqli_query($con,$sql1);
 while($row = mysqli_fetch_assoc($result))
 {
gettbdata($row['Id'],$row['name'],$row['email'],$row['phone'],$row['message']);
}
?>
   </table>
</body>
</html>
```

Output: