**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>

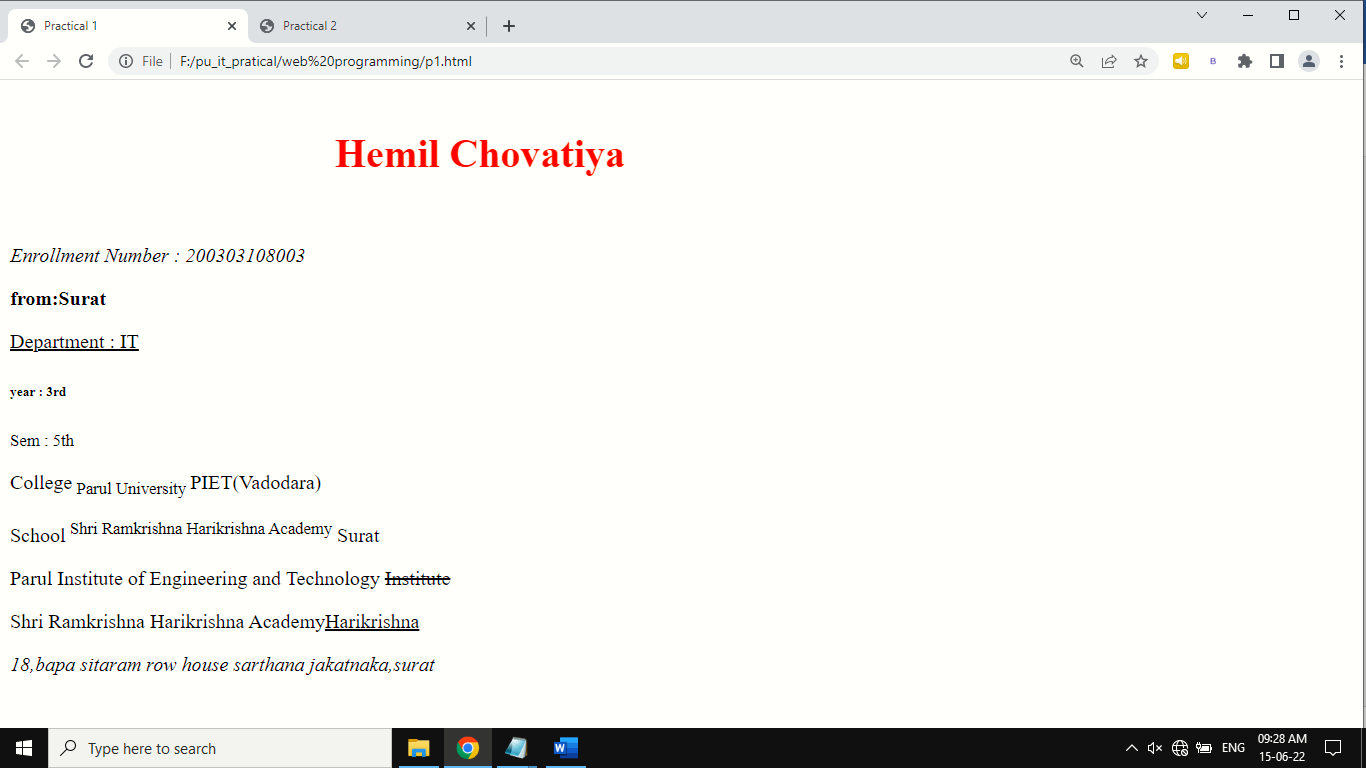
<p>Shri Ramkrishna Harikrishna Academy<ins>Harikrishna</ins></p>

<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>

<ol type="1">

<li>Volleyball</li>

<li>Basketball</li>

<li>Handball</li>

<li>Badminton</li>

<li>Cricket</li>

<li>Football</li>

</ol>

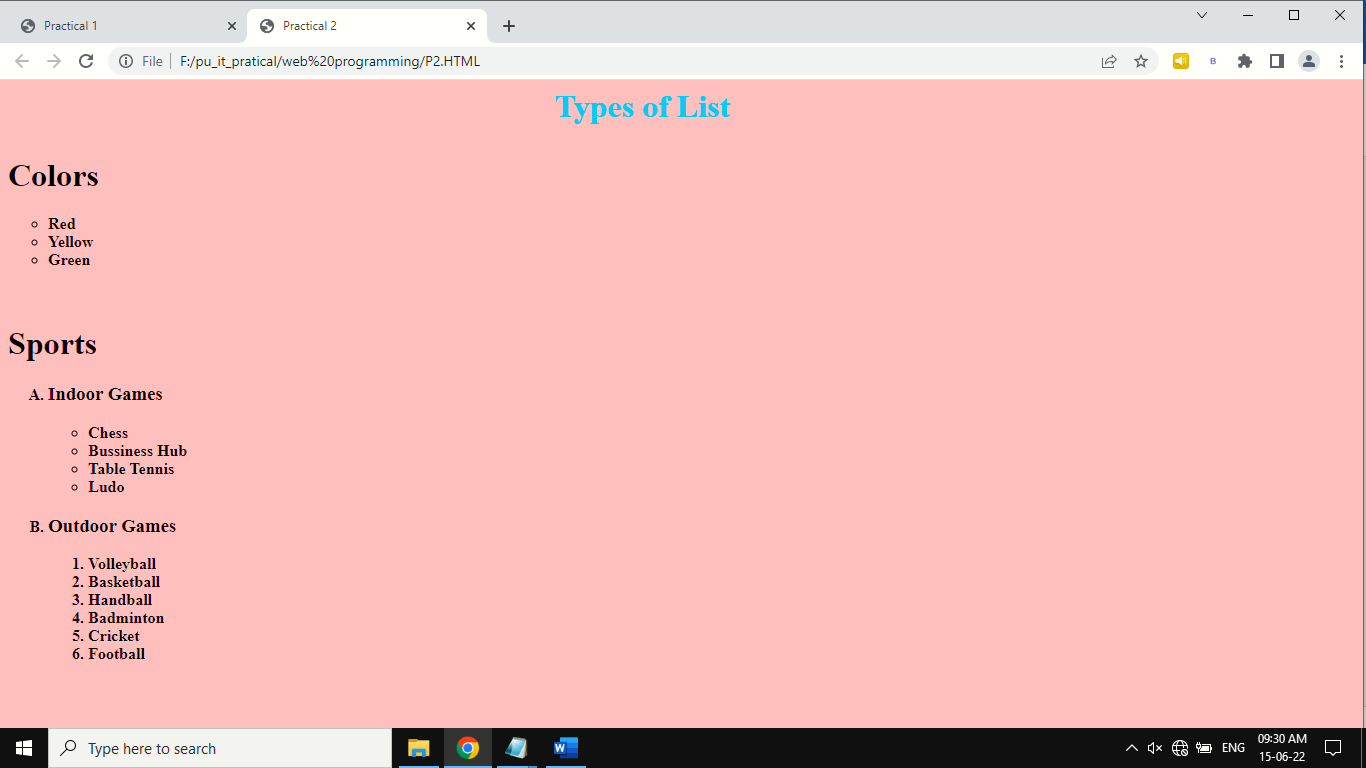
</ol>

</b>

</body>

</html>

**Output:**



**Practical 3:**

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

**Code:**

<html>

<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");

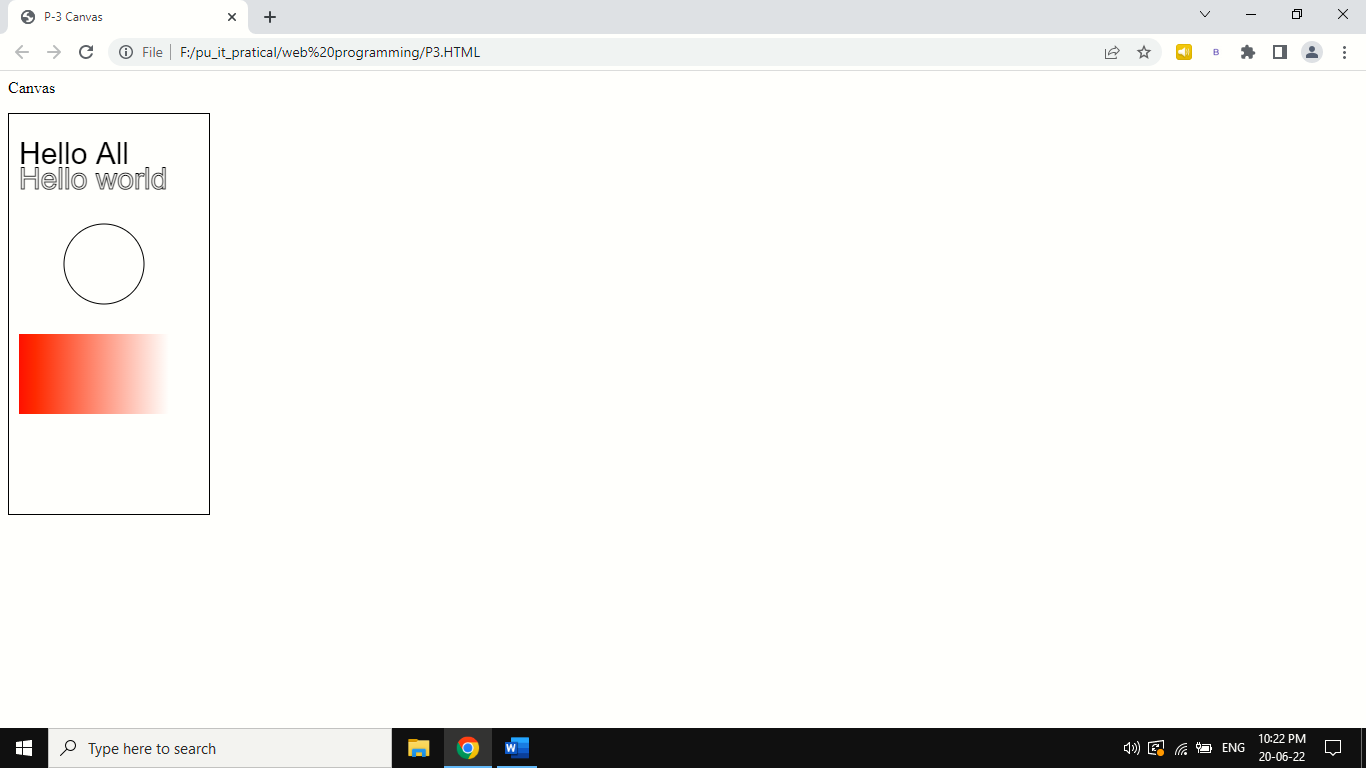
ctx.fillStyle = grd;

ctx.fillRect(10, 220, 150, 80);

</script>

</body>

</html>

**Output:**

**Practical 4:**

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

**Code:**

<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>

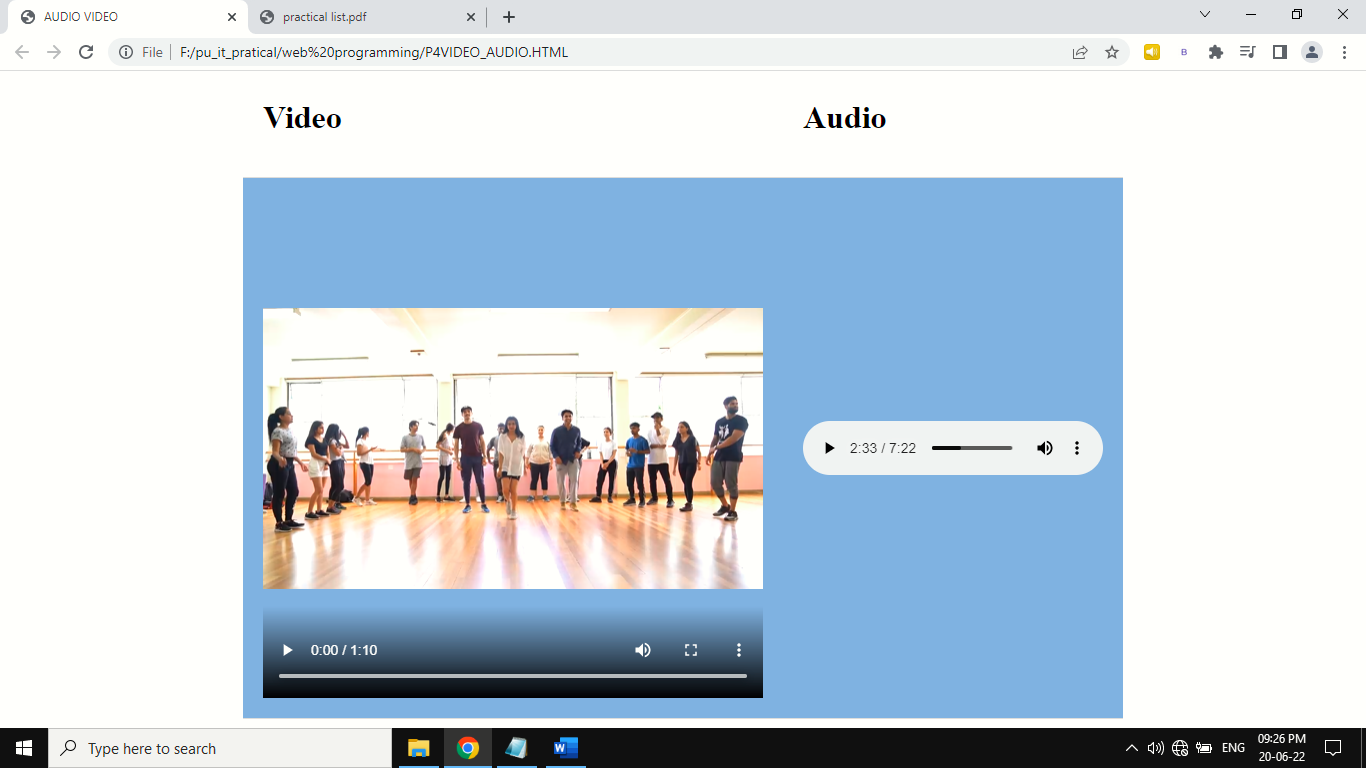
</tr>

</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>

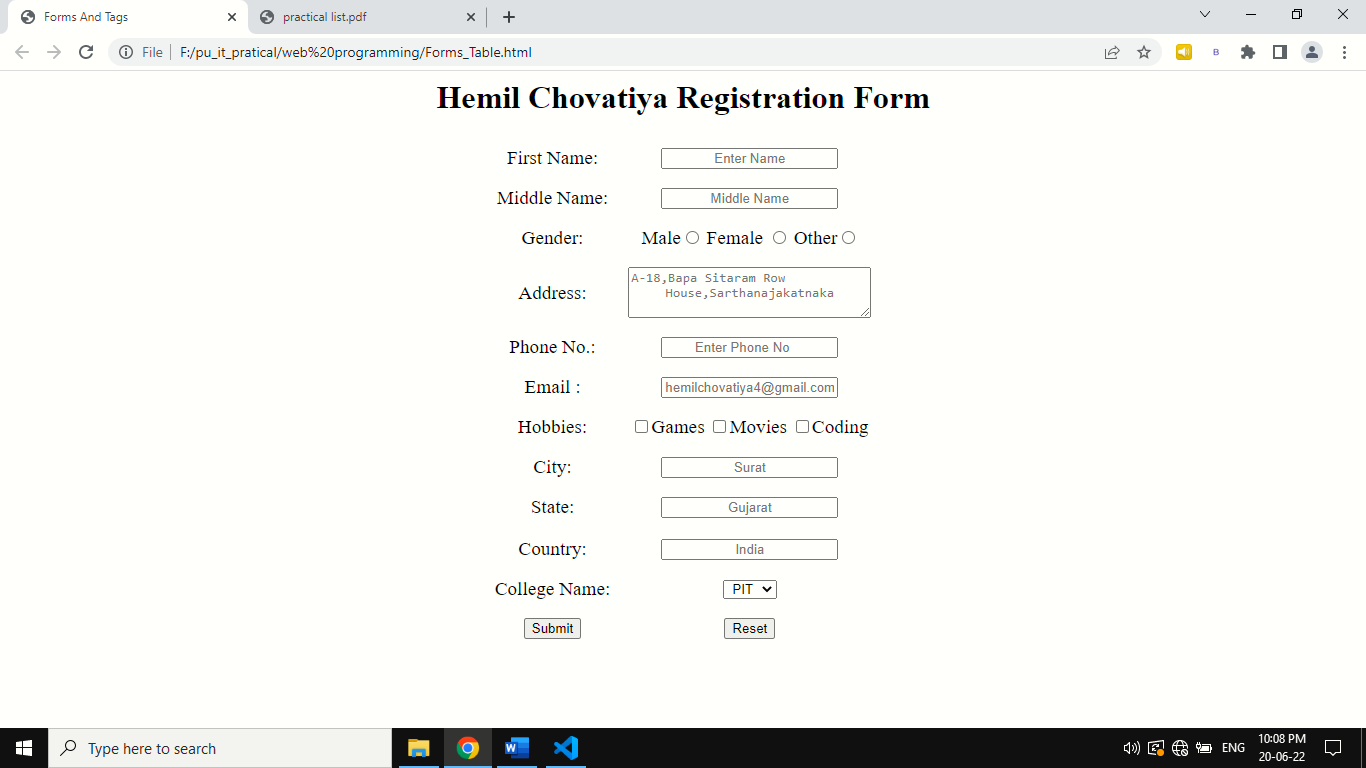
        </tr>

   </table></form>

</body>

</html>

**Output:**



**Practical 6:**

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

**Code:**

<html>

<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=400x300&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;

}

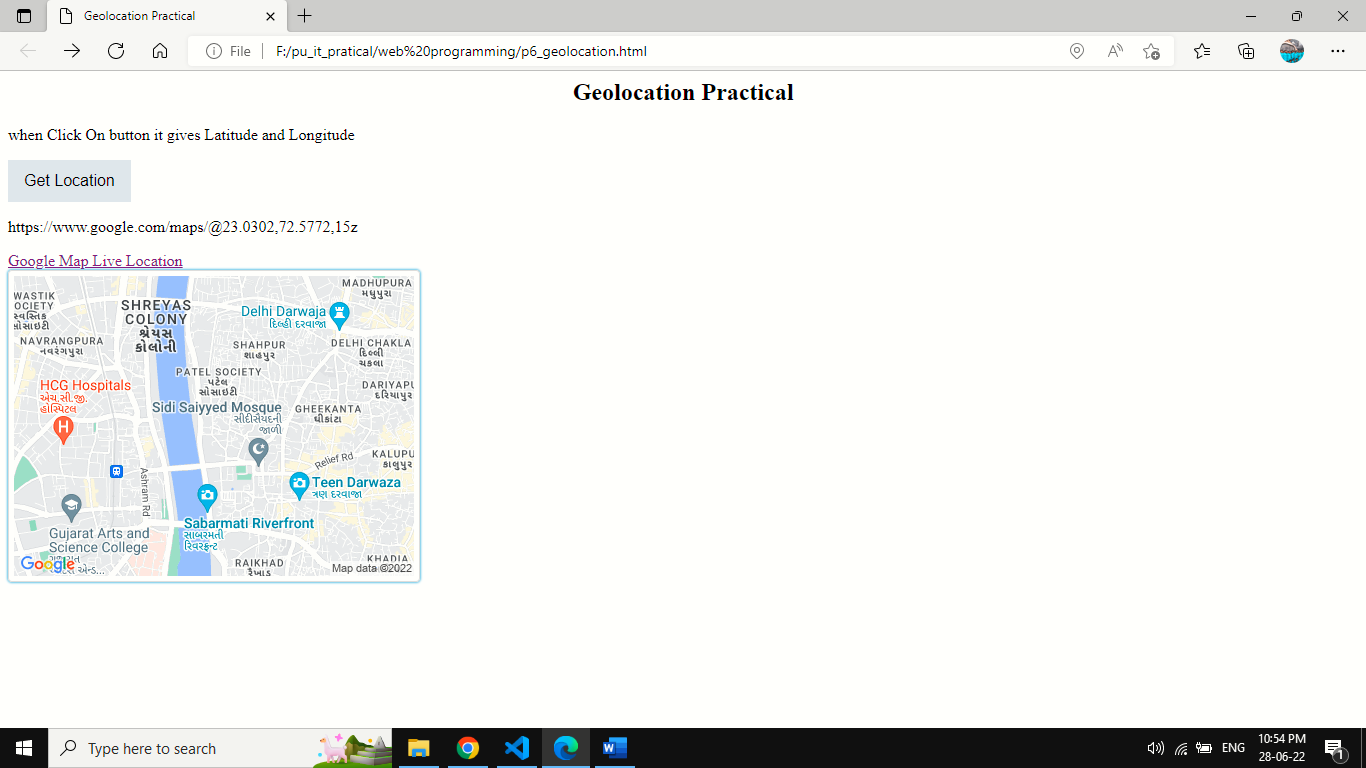
}

</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>

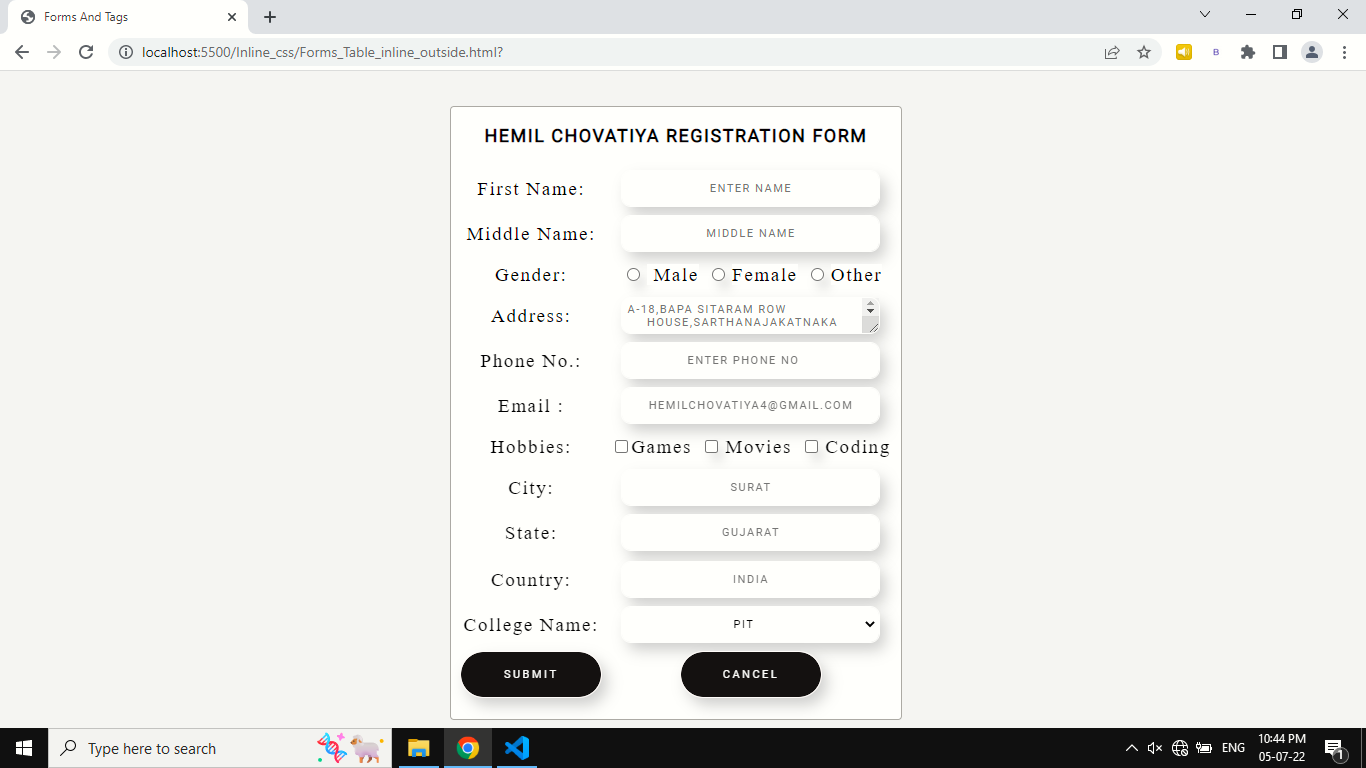
<td style=" padding: 4px; font-size: larger; text-align-last: center; background-color: white;" >

 <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>

<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>

                        <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>

<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>

                <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**

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;

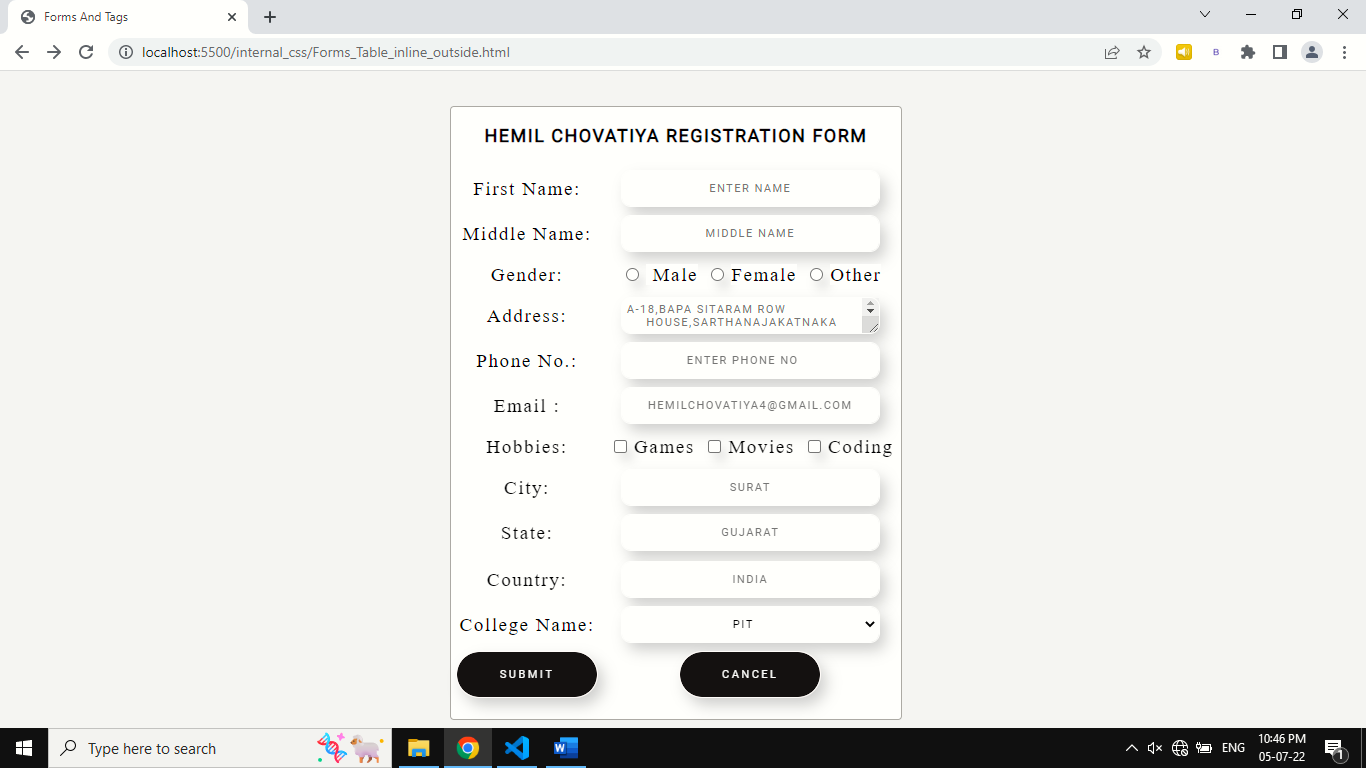
        font-size: 11px;        text-transform: uppercase;        letter-spacing: 2.5px;

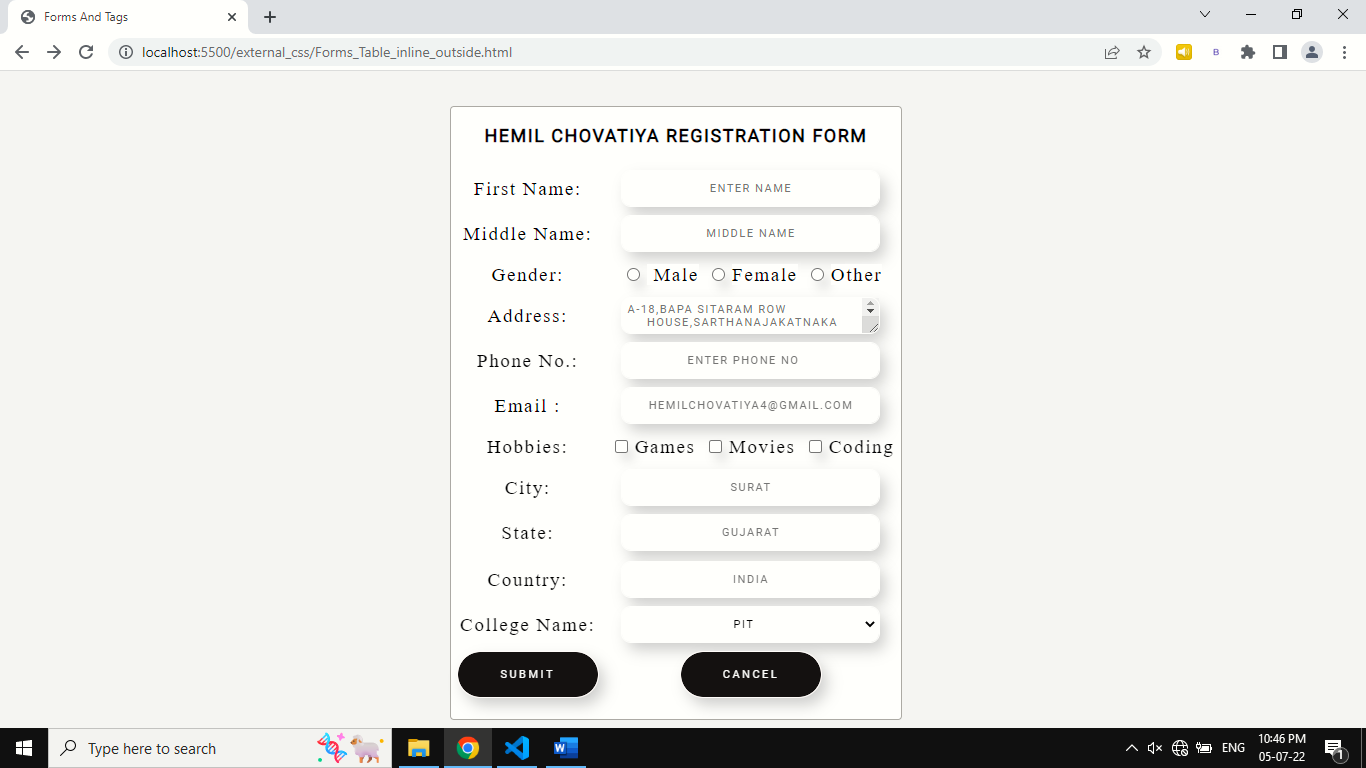
        color: white;        background-color: rgb(19, 17, 17);        border: none;

        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>

<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>

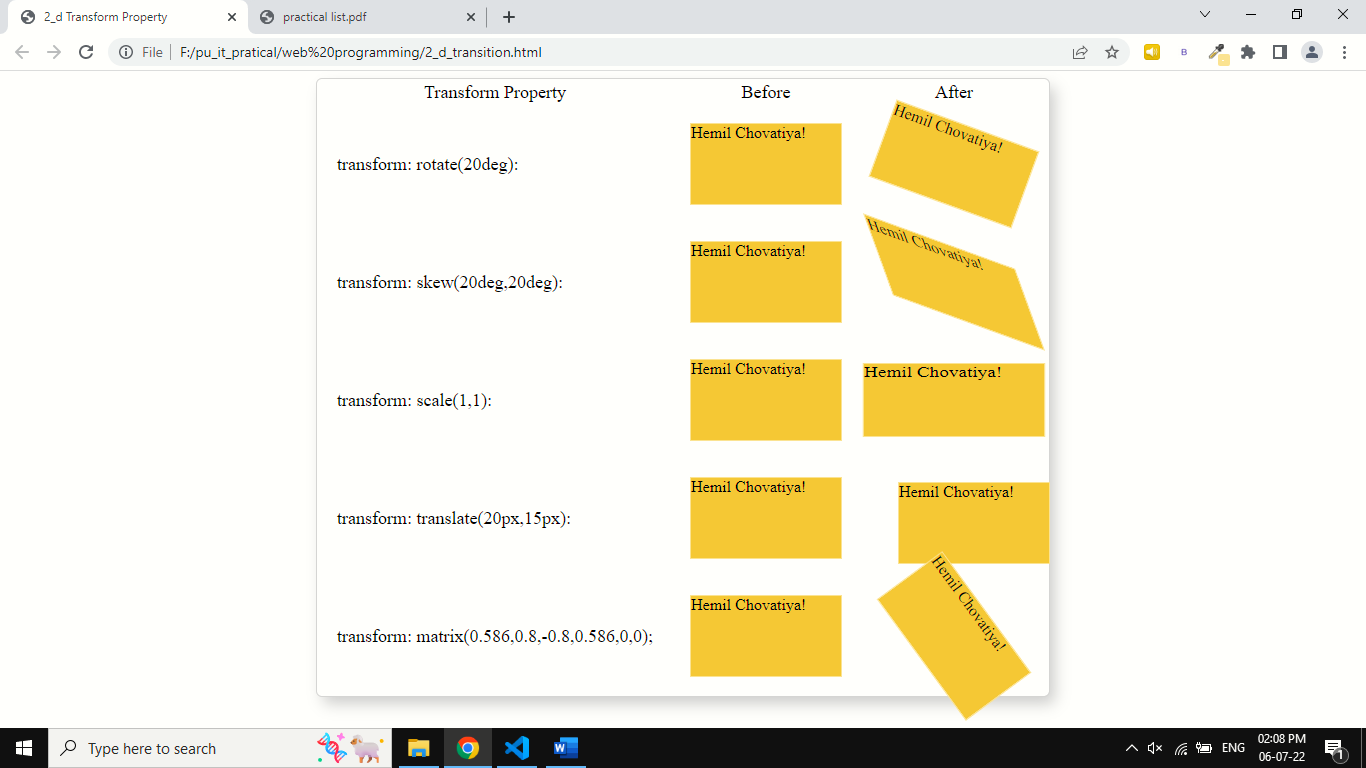
        <tr><td><p>transform: matrix(0.586,0.8,-0.8,0.586,0,0);</p></td>

            <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;

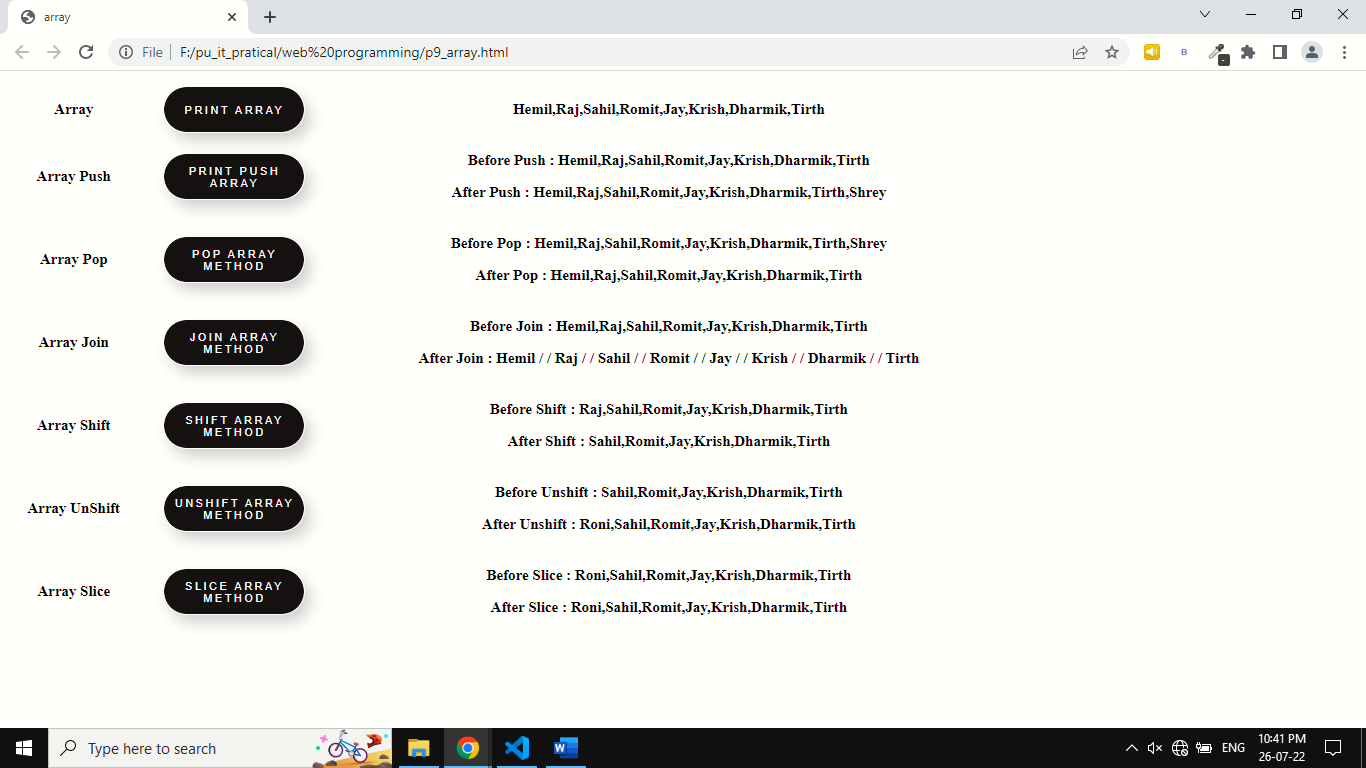
            friends.slice(2, 0, "hiren", "miren");

            document.getElementById("array\_slice2").innerHTML = " After slice : "+friends;   }

    </script>

</body>

</html>

**Output:** 

**Part b Code:**

<!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>

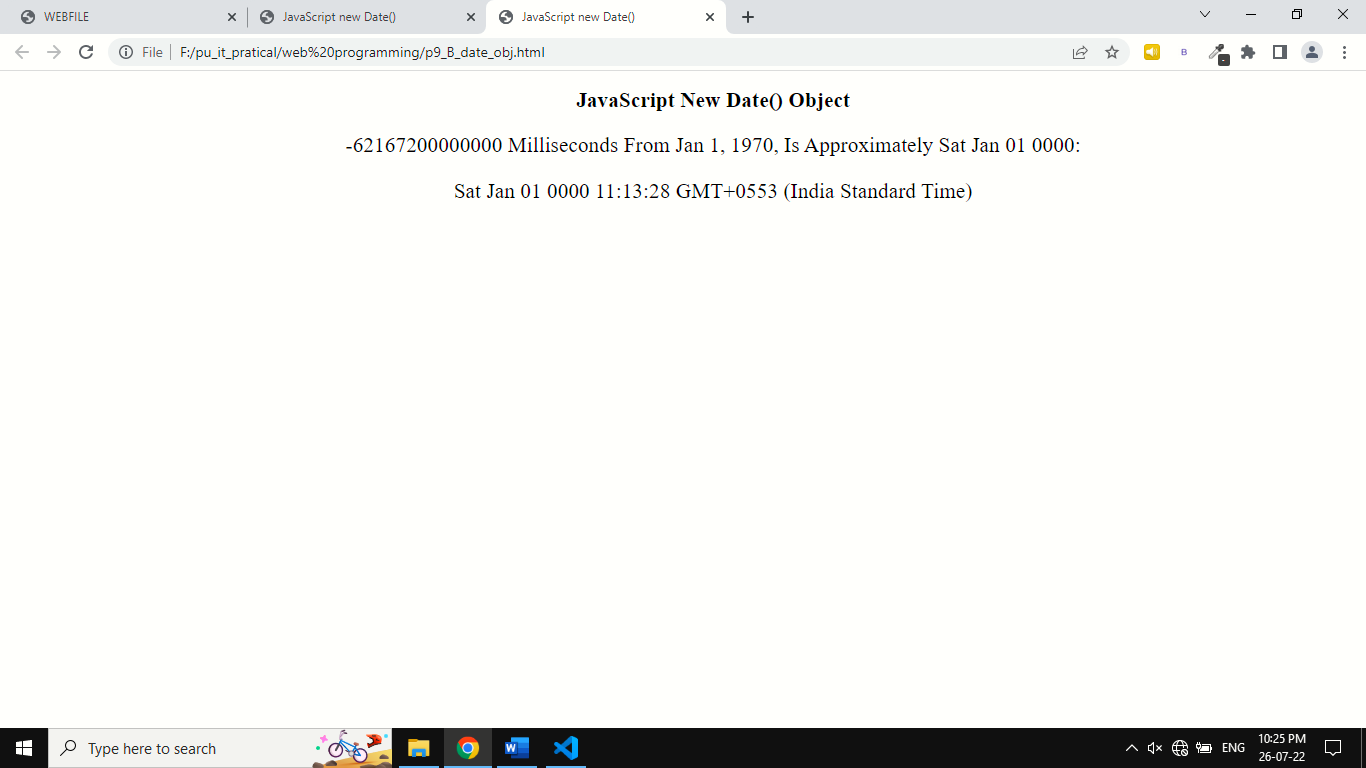
const d = new Date(-62167200000000);

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:**

<!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");

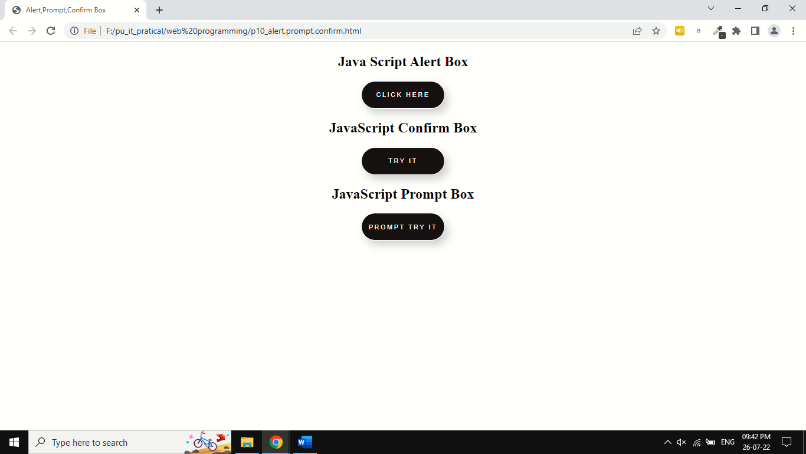
        }

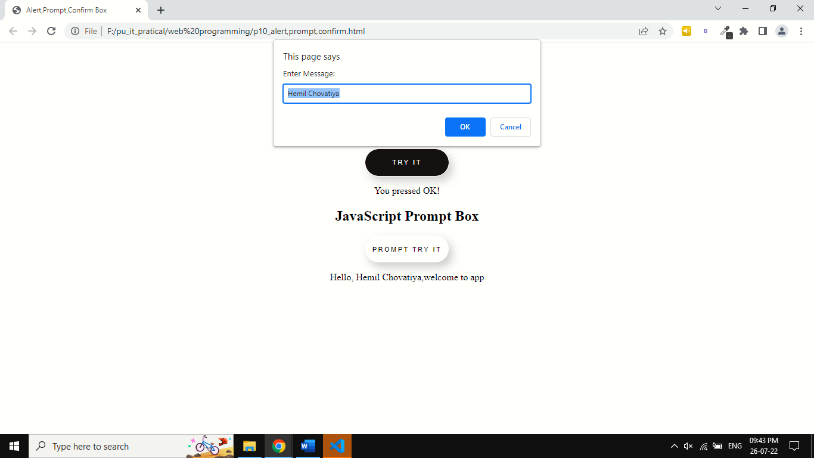
    }

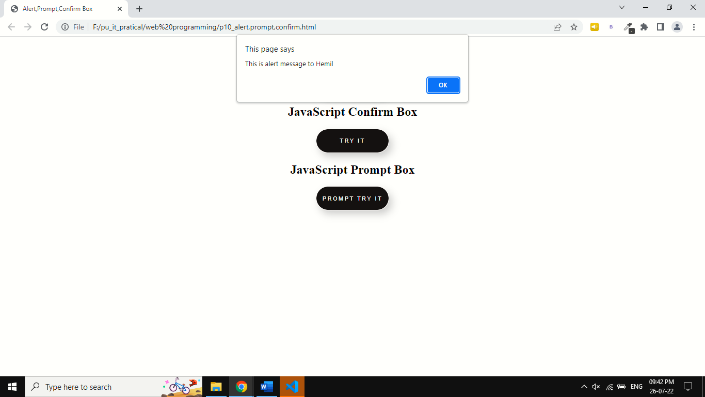
</script>

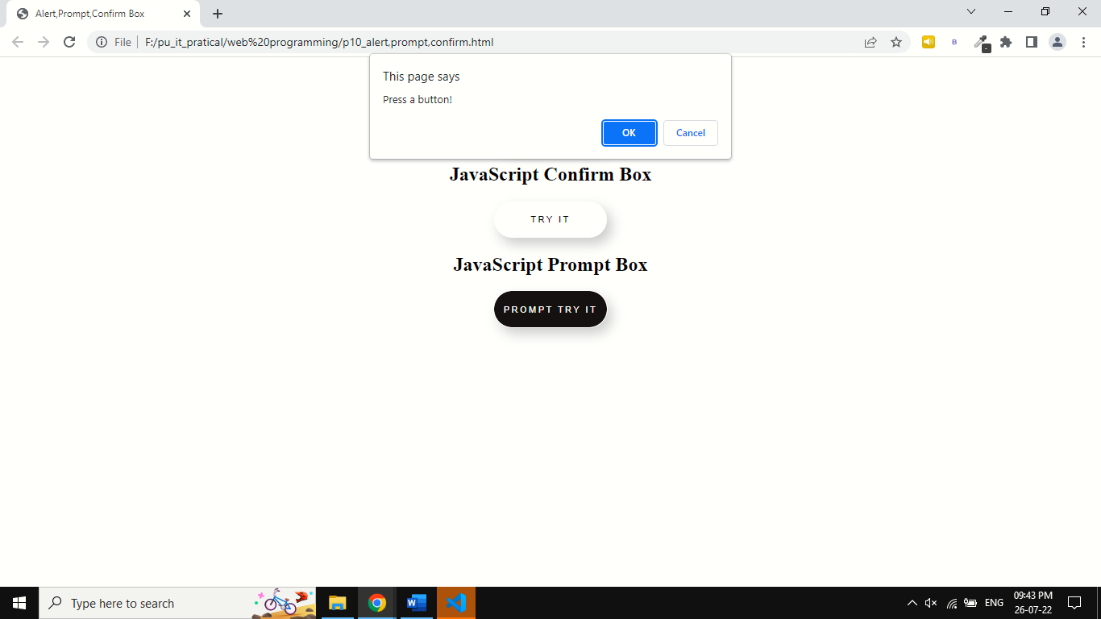
</body>

</html>

**Output:**







**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");        }

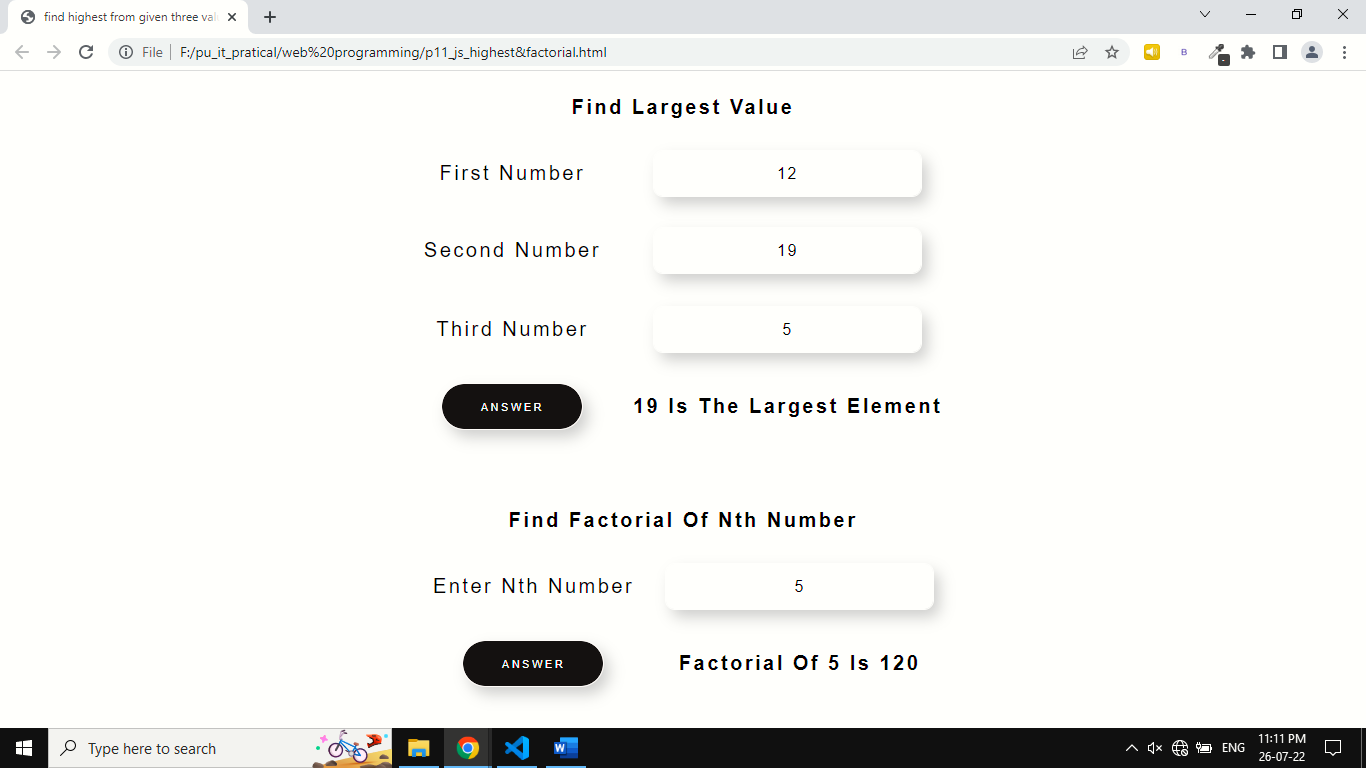
        else if (b >= a && b >= c) {            d = (b + " is the largest element");        }

        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) {

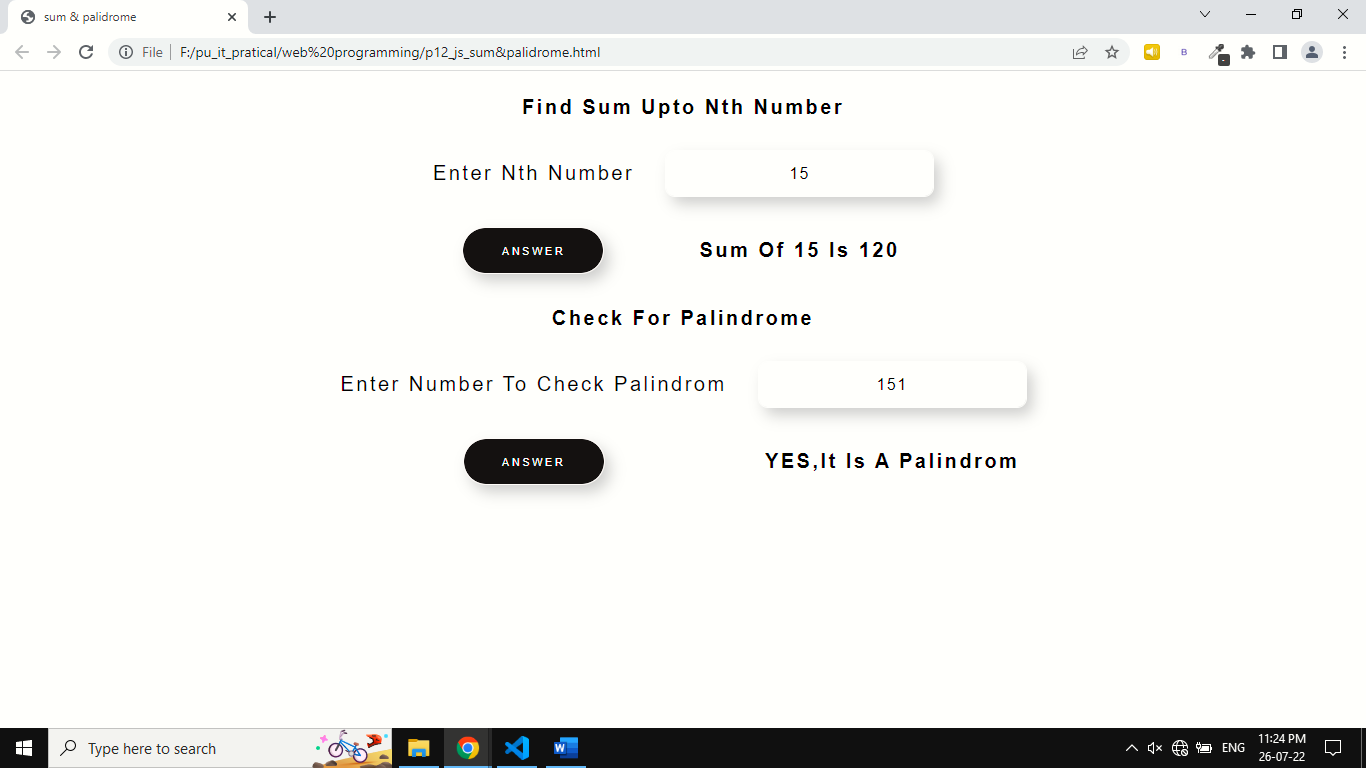
            document.getElementById("pd").innerHTML = "YES,It is a Palindrom";

        }

        else { document.getElementById("pd").innerHTML = "NO, It is not a Plindrom"; }    }

</script></body></html>

**Output:**



**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>

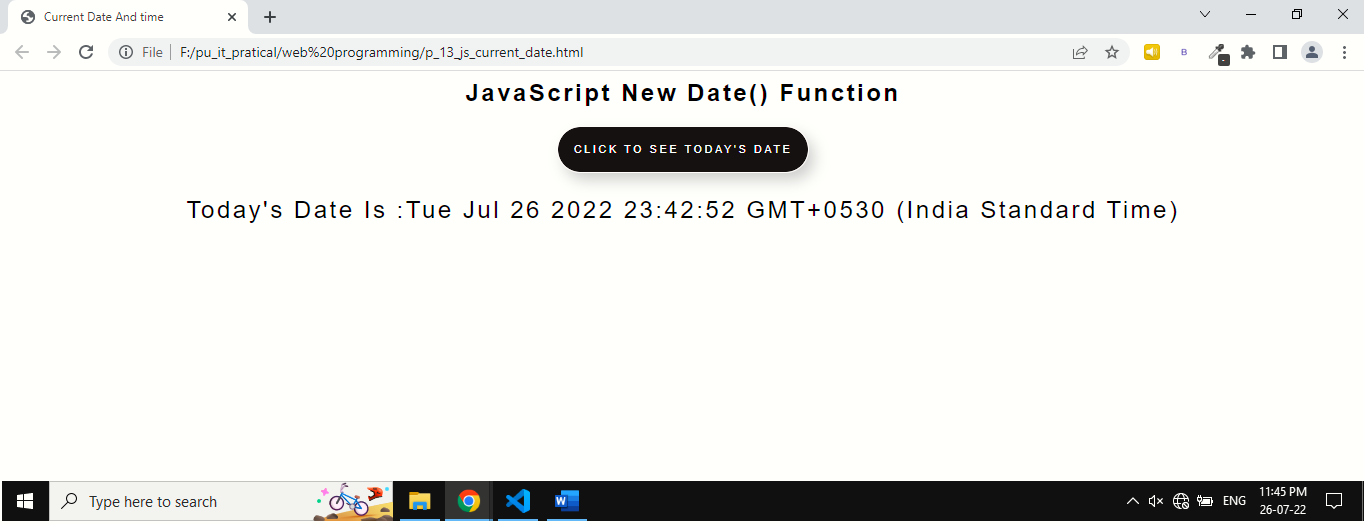
    <p id="date1"></p>

    <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 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 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>

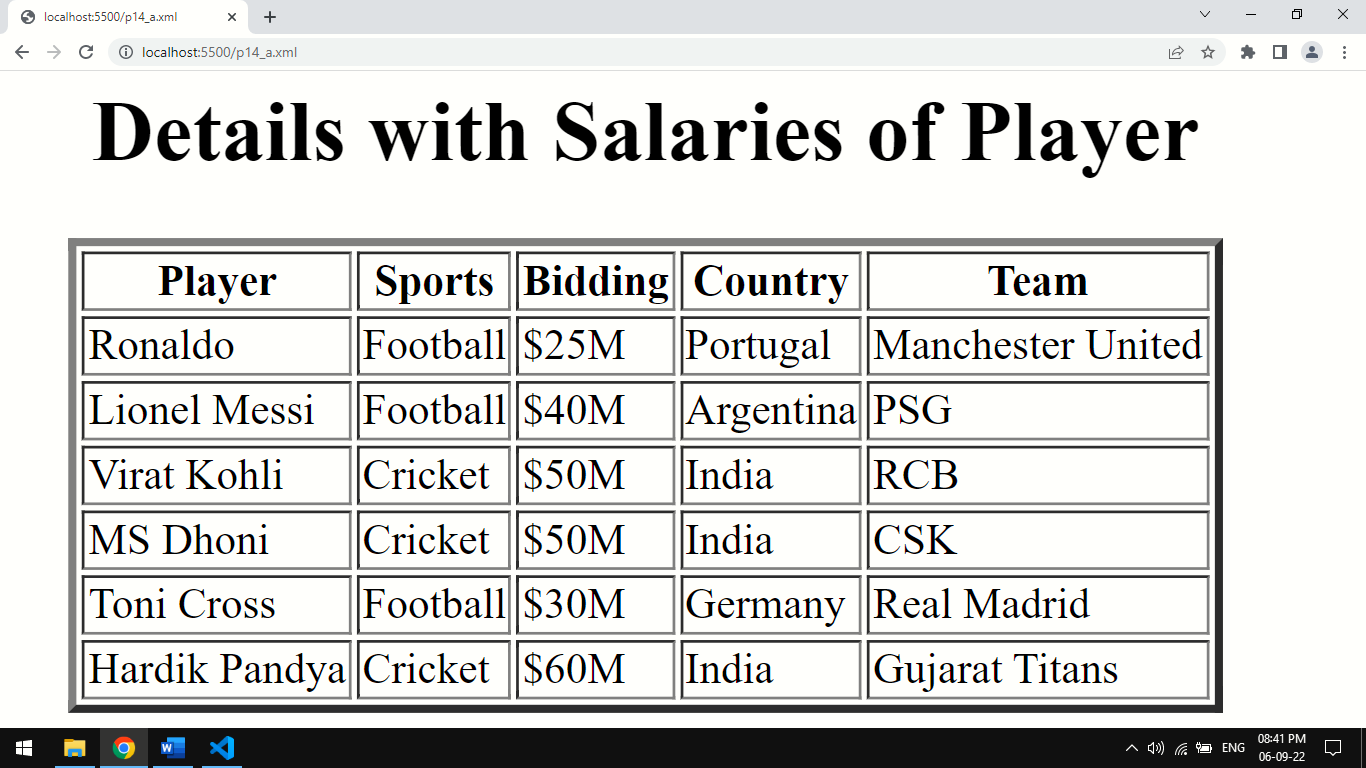
</xsl:for-each>

</table> </body>

</html>

</xsl:template>

</xsl:stylesheet>



**PRACTICAL 15**

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

**Code A: Sender**

<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);

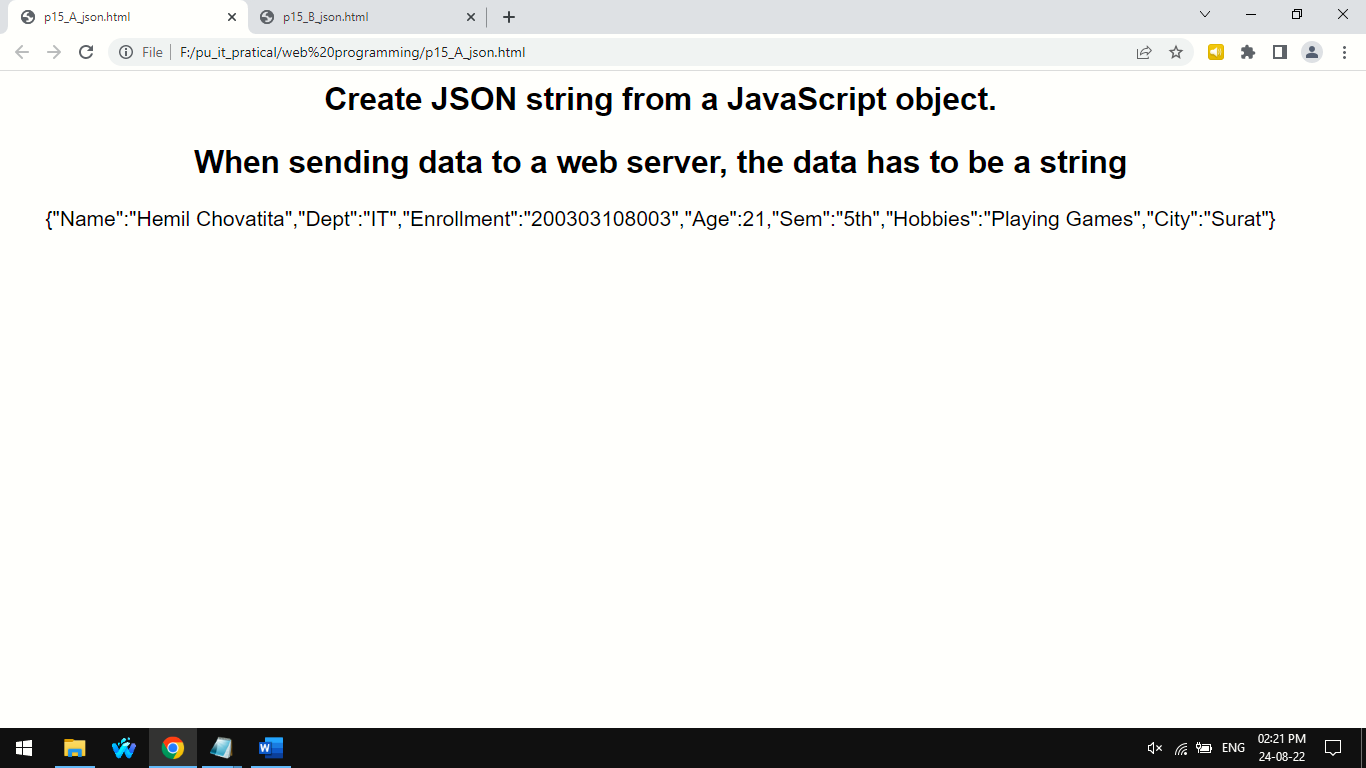
document.getElementById("demo").innerHTML = myJSON;

</script>

</body>

</html>

**Output:**



**Code B:Receiver**

<html>

<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);

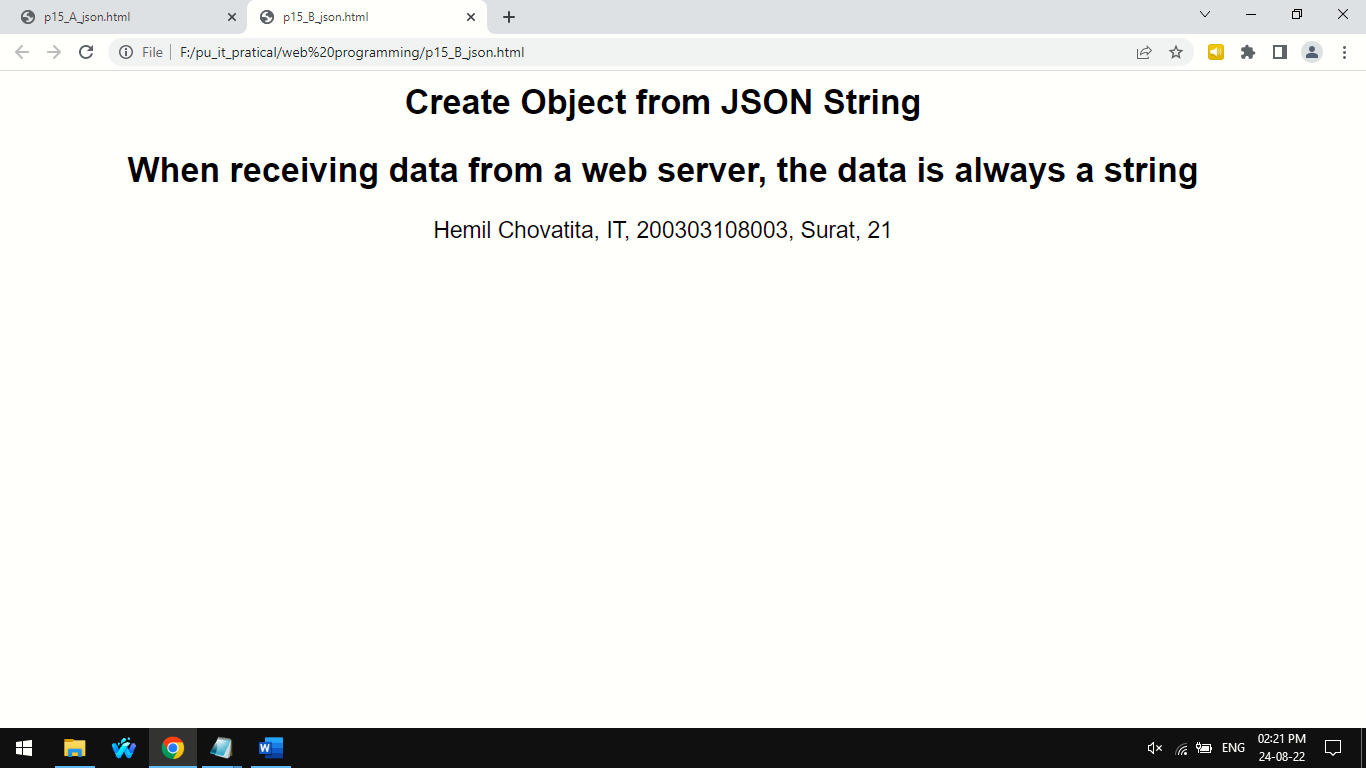
document.getElementById("demo").innerHTML = obj.Name + ", " + obj.Dept+ ", " + obj.Enrollment+ ", " + obj.City+ ", " + obj.Age;

</script>

</body>

</html>

**Output:**



**PRACTICAL 16**

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

**Code :**

<?php

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>

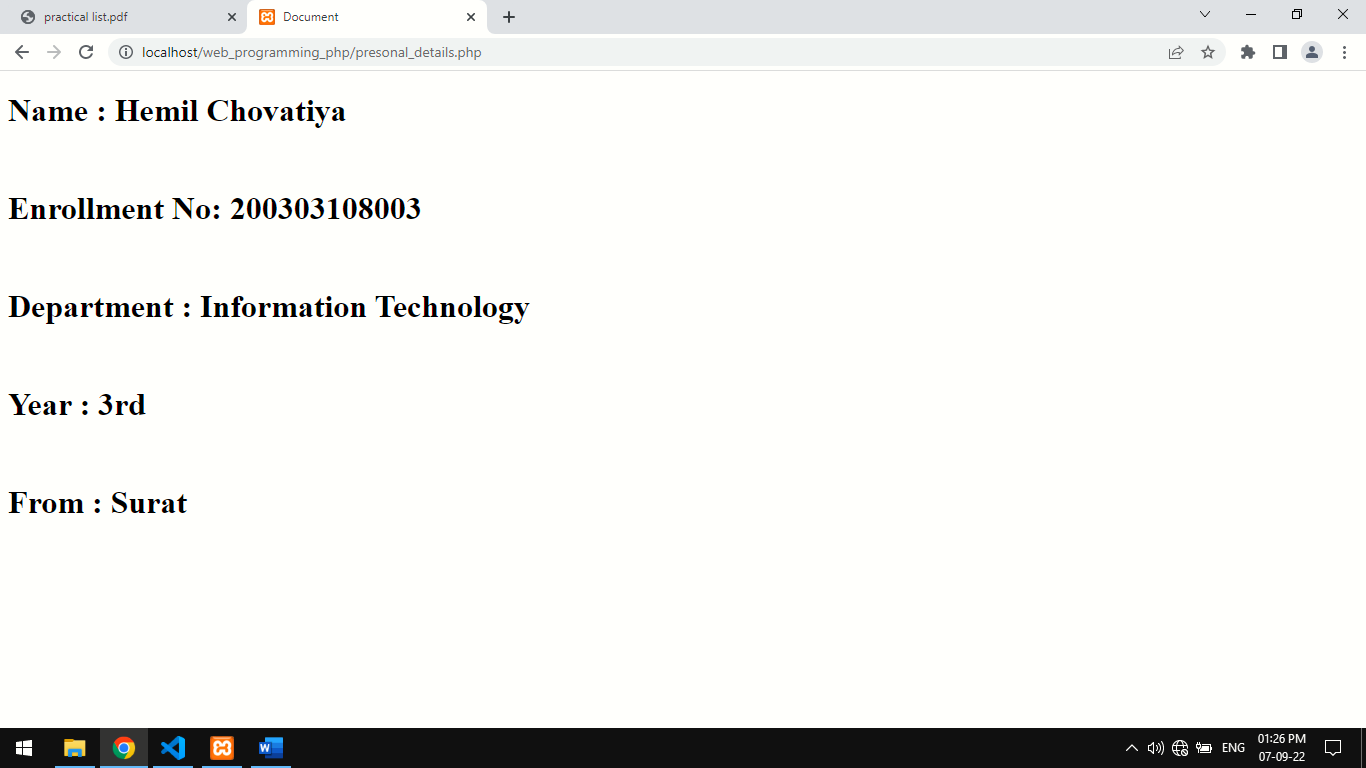
    <h1>Year : 3rd </h1><br>

    <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)

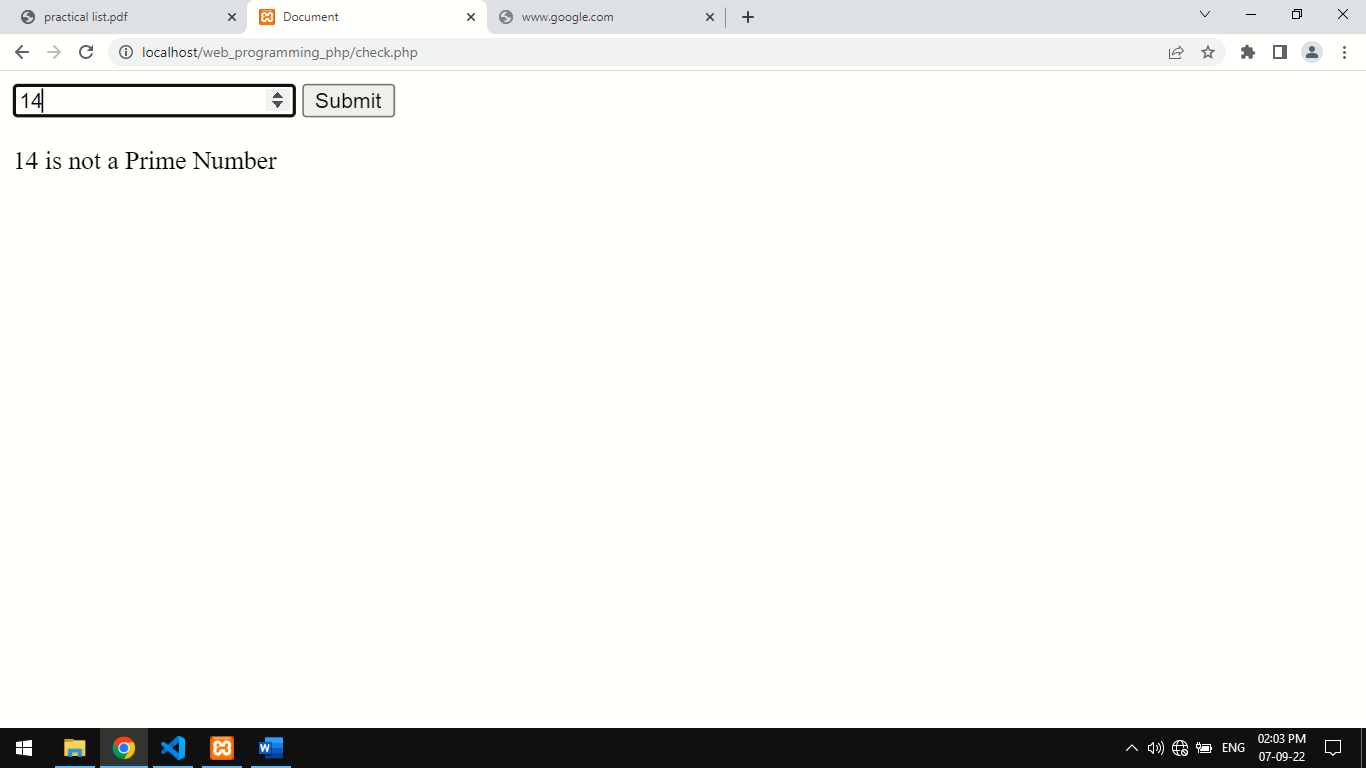
    {       echo "<br>".$a." is a Prime Number";    }

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

  $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') ");

    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;    }  }  ?>

<!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

    $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:**

