

BASIC HTML TAGS**AIM**

To create a simple html file to demonstrate the use of different tags such as heading tags <h1>...<h6>, <p>,
, , <u>, <i>, <align> tag with <p> tag/heading tags, <bgcolor> with <body> tag, <marquee> tag, <a> tag, tag.

SOURCE CODE:

```
<html>
<head><title>Basic Tags</title></head>
<body bgcolor="aqua" text_color="white">
    <h1>h1 tag</h1>
    <h2>h2 tag</h2>
    <h3>h3 tag</h3>
    <h4>h4 tag</h4>
    <h5>h5 tag</h5>
    <h6>h6 tag</h6>
    <p align="left">Paragraph Tag</p><br>
    <b>Bold text</b><br>
    <u>Underline text</u><br>
    <i>Italics text</i><br>
    <marquee>Greetings</marquee>
    <img src=1.jpg alt="IMAGE">
    </p>
</body>
</html>
```

RESULT

The HTML page to demonstrate basic HTML tags has been designed.

HTML LISTS**AIM**

Create a web page which contains notes on lists in HTML (ordered and unordered).

SOURCE CODE:

```
<html>
<head><title>List</title></head>
<body>
    <h2>Unordered list</h2>
    <ul>
        <li>c++</li>
        <li>Python</li>
        <li>Java</li>
    </ul>
    <h2>Ordered list</h2>
    <ol>
        <li>c++</li>
        <li>Python</li>
        <li>Java</li>
    </ol>
</body>
</html>
```

RESULT

The HTML page to demonstrate html lists has been designed.

HTML PAGE WITH IMAGES AND TABLES**AIM**

Create a static web page for your college with the following information:

- a) Name of college (First level heading, text align = center, color = blue, use style attribute)
- b) Add vision and mission of the college as scrolling text (color = green)
- c) About us (Second level heading, background-color = red, color = white, use style attribute)
 - i. Insert an image of your college. (Align image in center, width = 1000px, height = 300px)
 - ii. Add a brief description about your college. (justified paragraph)
- d) Courses Offered (Second level heading, background-color = red, color = white, use style attribute)
 - i. Add a brief description about courses offered. (justified paragraph) Add course details (Use HTML table)
 - ii. Contact us. (Second level heading, background-color = red, color = white) Address for Communication (Third level heading, color = blue) Address of the college Add Link to the official website of the college.

SOURCE CODE:

```
<html>

<head>

<title>RIT</title>

<style>

  h1 {

    text-align: center;

    color: blue;

  }

  h2 {

    color: white;

    background-color: red;

  }

  h5 {

    color: blue;

  }

</style>

</head>
```

```

<body>

<h1>Rajiv Gandhi Institute of Technology</h1>

<marquee direction="left" text color="green">Being a center of technological excellence for
the betterment of society</marquee>

<h2 style="color:white;background-color:red">About us..</h2>



<p>RIT, named after late Prime Minister Rajiv Gandhi, is run by the government of Kerala. It
has established vast infrastructure and put together a team of dedicated teachers.</p>

<table border="2">

  <tr>
    <td colspan="3">UG</td>
  </tr>

  <tr>
    <th>COURSE</th>
    <th>DEPARTMENT</th>
    <th>INTAKE</th>
  </tr>

  <tr>
    <td rowspan="5">B.Tech</td>
    <td>Civil Engineering</td>
    <td>60</td>
  </tr>

  <tr>
    <td>Mechanical Engineering</td>
    <td>66</td>
  </tr>

  <tr>
    <td>Electronics and Communication</td>
    <td>66</td>
  </tr>

  <tr>
    <td>Electrical and Electronics</td>

```

```

        <td>66</td>
    </tr>
    <tr>
        <td>Computer Science Engineering</td>
        <td>66</td>
    </tr>
    <tr>
        <td>B.Arch</td>
        <td>Architecture</td>
        <td>40</td>
    </tr>
</table>
<br>
<h2>Contact Us</h2>
<h5>Address for Communication</h5>
<address>
    Vellore PO <br>
    Pampady <br>
    Kottayam-686501, Kerala
</address>
<a href="https://www.rit.ac.in/">Official Website</a>
</body>
</html>

```

RESULT

The HTML page to demonstrate college web page has been designed.

HTML PAGE WITH HYPERLINKS**AIM**

Create an attractive web page showing the images and description of at least three festivals in India. Set width and height of the images as 500px and 700px respectively. When an image of a festival is clicked, user must redirect to another web page showing details of that festival. The new web page should be opened in another tab.

SOURCE CODE:4festival.html

```
<html>
<head>
  <title>Indian Festivals</title>
  <style>
    h1 {
      text-align: center;
      color: blue;
      background-color: yellow;
    }
    h2 {
      background-color: yellow;
      text-align: center;
    }
  </style>
</head>
<body>
  <h1>Indian Festivals</h1>
  <h2>Diwali</h2>
  
  <h2>Holi</h2>
  
  <h2>Onam</h2>
  <a href="onam1.html">
    
  </a>
</body>
</html>
```

ONAM.html

```
<html>
<head>
  <title>ONAM</title>
</head>
<body>
  <h1>ONAM</h1>
```

```

<p>
  <i>
    Onam is the festival that brings together all communities in Kerala.
    On this day, religion, caste, or creed is not of importance.
    One of the most popular festivals of India, people celebrate it with great zeal.
    Similarly, activities of this festival are famous all over India for their grand scale and
    delicious food.
  </i>
</p>
</body>
</html>
```

RESULT

The HTML page to demonstrate the HTML hyperlink has been created.

HTML PAGE WITH FRAMES**AIM**

Using HTML Iframes create a web page with two frames. One frame contains list of items as hyperlinks - Fruits, Vegetables, Flowers and Trees. When an item is selected, details and images of the selected item should be displayed on right frame.

SOURCE CODE:5iframe.html

```
<html>
<body>
    <center>
        <iframe src="5_1.html" name="fr"></iframe>
        <iframe src="" name="se"></iframe>
    </center>
</body>
</html>
```

5-1.html

```
<html>
<body>
    <a href="fruit.html" target="se">Fruits</a><br>
    <a href="veg.html" target="se">Vegetables</a><br>
    <a href="flower.html" target="se">Flowers</a><br>
    <a href="tree.html" target="se">Trees</a><br>
</body>
</html>
```

fruit.html

```
<html>
<body>
    <h2>Fruits</h2>
    <p>Fruits are the sweet eatable part of a plant</p>
    
</body>
</html>
```

veg.html

```
<html>
<body>
    <h2>Vegetables</h2>
    <p>Vegetables are eatable</p>
    
```

```
</body>
</html>
```

flower.html

```
<html>
<body>
    <h2>Flowers</h2>
    <p>Flowers are of different types</p>
    
</body>
</html>
```

tree.html

```
<html>
<body>
    <h2>Trees</h2>
    <p>Trees produce oxygen</p>
    
</body>
</html>
```

RESULT

The HTML page to demonstrate HTML frame has been designed.

HTML FORM**AIM**

Create a Student Registration Form.

SOURCE CODE:

```
<html>
<body>
  <h2 style="text-align:center">STUDENT REGISTRATION FORM</h2>
  <form name="registrationForm" onsubmit="return validateForm()">
    <table align="center" border="1" cellpadding="8">
      <tr>
        <td>FIRST NAME</td>
        <td><input type="text" name="firstName">&nbsp;(max 30 Characters)</td>
      </tr>
      <tr>
        <td>LAST NAME</td>
        <td><input type="text" name="lastName">&nbsp;(max 30 Characters)</td>
      </tr>
      <tr>
        <td>DATE OF BIRTH</td>
        <td>
          <select>
            <option>1</option>
            <option>2</option>
            <option>3</option>
            <option>4</option>
            <option>5</option>
            <option>6</option>
            <option>7</option>
            <option>8</option>
            <option>9</option>
            <option>10</option>
            <option>11</option>
            <option>12</option>
            <option>13</option>
            <option>14</option>
            <option>15</option>
            <option>16</option>
            <option>17</option>
            <option>18</option>
            <option>19</option>
            <option>20</option>
            <option>21</option>
            <option>22</option>
            <option>23</option>
            <option>24</option>
          </select>
        </td>
      </tr>
    </table>
  </form>
</body>
</html>
```

```

                <option>25</option>
                <option>26</option>
                <option>27</option>
                <option>28</option>
                <option>29</option>
                <option>30</option>
                <option>31</option>
            </select>
            <select>
                <option>Jan</option>
                <option>Feb</option>
                <option>Mar</option>
                <option>Apr</option>
                <option>May</option>
                <option>Jun</option>
                <option>Jul</option>
                <option>Aug</option>
                <option>Set</option>
                <option>Oct</option>
                <option>Nov</option>
                <option>Dec</option>
            </select>
            <select>
                <option>2010</option>
                <option>2011</option>
                <option>2012</option>
                <option>2013</option>
                <option>2014</option>
                <option>2015</option>
                <option>2016</option>
                <option>2017</option>
                <option>2018</option>
                <option>2019</option>
                <option>2020</option>
                <option>2021</option>
                <option>2022</option>
                <option>2023</option>
                <option>2024</option>
            </select>
        </td>
    </tr>
    <tr>
        <td>EMAIL-ID</td>
        <td><input type="email" name="email"></td>
    </tr>
    <tr>
        <td>MOBILE NUMBER</td>
        <td><input type="text" name="mobile">&nbsp;(10 digit number)</td>
    </tr>
    <tr>

```

```

        <td>GENDER</td>
        <td><input type="radio" name="gen" value="MALE">Male<input type="radio"
        name="gen" value="FEMALE">Female</td>
    </tr>
    <tr>
        <td>ADDRESS</td>
        <td><textarea rows="3" cols="25"></textarea></td>
    </tr>
    <tr>
        <td>CITY</td>
        <td><input type="text">&nbsp;(max 30 Characters)</td>
    </tr>
    <tr>
        <td>PINCODE</td>
        <td><input type="text">&nbsp;(6-digit number)</td>
    </tr>
    <tr>
        <td>STATE</td>
        <td><input type="text">&nbsp;(max 30 Characters)</td>
    </tr>
    <tr>
        <td>COUNTRY</td>
        <td><input type="text" value="INDIA">&nbsp;</td>
    </tr>
    <tr>
        <td>HOBBIES</td>
        <td><input type="checkbox">Drawing&nbsp;<input
        type="checkbox">Singing&nbsp;<input type="checkbox">Dancing&nbsp;<input
        type="checkbox">Sketching<br>
        <input type="checkbox">Others&nbsp;<input type="text">
        </td>
    </tr>
    <tr>
        <td>QUALIFICATION</td>
        <td>
            <table>
                <tr>
                    <th>SL NO:&nbsp;</th>
                    <th>Examination&nbsp;</th>
                    <th>Board&nbsp;</th>
                    <th>Percentage&nbsp;</th>
                    <th>Year of Passing&nbsp;</th>
                </tr>
                <tr>
                    <th>1</th>
                    <th>Class X</th>
                    <td><input type="text"></td>
                    <td><input type="text"></td>
                    <td><input type="text"></td>
                </tr>
            </table>
        </td>
    </tr>

```

```

        <tr>
            <th>2</th>
            <th>Class XII</th>
            <td><input type="text"></td>
            <td><input type="text"></td>
            <td><input type="text"></td>
        </tr>
        <tr>
            <th>3</th>
            <th>Graduation</th>
            <td><input type="text"></td>
            <td><input type="text"></td>
            <td><input type="text"></td>
        </tr>
        <tr>
            <th>4</th>
            <th>Masters</th>
            <td><input type="text"></td>
            <td><input type="text"></td>
            <td><input type="text"></td>
        </tr>
        <tr>
            <td></td>
            <td></td>
            <td><center>(10 char max)</center></td>
            <td><center>(upto 2 decimal)</center></td>
        </tr>
    </table>
</td>
</tr>
<tr>
    <td>COURSES<br>APPLIED FOR</td>
    <td>MCA<input type="radio" name="cou">M.Tech<input type="radio"
name="cou">M.Sc.<input type="radio" name="cou">P.hD<input type="radio"
name="cou"></td>
</tr>
<tr>
    <td>TYPE YOUR PASSWORD</td>
    <td><input type="password">&nbsp;(Max. 30 Characters)</td>
</tr>
<tr>
    <td>UPLOAD YOUR PHOTO</td>
    <td><input type="file"></td>
</tr>
<tr>
    <td>DATE OF TC</td>
    <td><input type="date"></td>
</tr>
<tr>

```

```
        <td colspan="2"><center><input type="submit" value="SUBMIT">&nbsp;   <input type="reset"></center></td>
    </tr>
</table>
</form>
</body>
</html>
```

RESULT

The HTML page to demonstrate forms has been created.

HTML PAGE WITH INTERNAL STYLESHEET**AIM**

Using Internal style sheets, create a web page showing your biodata, with the following styles:

- a. Put your Name in <h1> tag, center aligned.
- b. Add following via <h2> tags, Personal Details, Educational Details, Hobbies. Put the respective contents below, in list format.
- c. Add contact details at the bottom including mail id and mobile number.
- d. Style all <h1> tags as red colored and center aligned and all <h2> tags as white colored with background color blue.
- e. Display <p> element with a border.
- f. Change the background color of the page to yellow.

SOURCE CODE:

```
<html>
<head>
  <style>
    body {
      background-color: yellow;
    }

    h1 {
      color: red;
      text-align: center;
    }

    h2 {
      color: white;
      background-color: blue;
      padding: 10px;
    }

    p {
      border: 2px black;
      padding: 10px;
      width: fit-content;
    }
    ul {
      list-style-type: none;
    }
    .contact {
      margin-top: 20px;
      padding: 10px;
      border: 2px solid black;
    }
  </style>
```



```
</head>
<body>

  <h1>Harinarayanan</h1>

  <h2>Personal Details</h2>
  <ul>
    <li>Age: 21</li>
    <li>Gender: Male</li>
    <li>Address: abc,def street,<br>TVM,KERALA,695002</li>
  </ul>

  <h2>Educational Details</h2>
  <ul>
    <li>Bachelor's Degree in Computer Science</li>
    <li>High School from XYZ School</li>
  </ul>

  <h2>Hobbies</h2>
  <ul>
    <li>Power Lifting</li>
    <li>Playing Football</li>
    <li>Travelling</li>
  </ul>

  <h2>Contact Details:</h2>
  <ul>
    <p class="contact">Email: abc@gmail.com</p>
    <p class="contact">Mobile: 999999990</p>
  </ul>
</body>
</html>
```

RESULT

The HTML page to demonstrate HTML internal style sheets has been designed.

HTML PAGE WITH EXTERNAL CSS**AIM**

Using External Style Sheets, create a web page with following styles:

- a. Create different paragraphs defining different selectors in CSS. Each paragraph should be defined with appropriate labels for making styles of each selector.
- b. Style each selector with unique font color, and background color.

SOURCE CODE:

8extcss.html

```
<html>
<head><link rel="stylesheet" href="1.css"></head>
<p>Paragraph tag styled with element selector</p>
<p class="cc">Paragraph tag styled with Class selector</p>
<p id="cc">Paragraph tag styled with ID selector</p>
</html>
```

1.css

```
p {
  color: black;
  background-color: orange;
  padding: 10px;
}
.cc{
  color: purple;
  background-color: wheat;
  padding: 10px;
}
#cc{
  color: white;
  background-color: green;
  padding: 10px;
}
```

RESULT

The HTML page to demonstrate HTML external style sheet has been designed.

HTML PAGE WITH STRIPPED TABLE USING CSS**AIM**

Create a stripped table using CSS.

- a) Use Id attribute of the table as CSS Selector.
- b) Table header must have 20px top and bottom padding, left text align, white text color, background color as #b22222, 1px solid grey color top, bottom, left and right borders.
- c) Each table data/cell must have 8px padding on four sides.
- d) Each table data/cell must have 1px solid grey color top, bottom, left and right borders.
- e) Table borders should be collapsed into a single border.
- f) Table width should be 100% of the document body and use sans-serif font family.
- g) Highlight table rows on mouse over by setting 'burlywood' background color. h) Add background-color #f2f2f2 to all even table rows

SOURCE CODE:

9strippedtable.html

```
<html>
<head><link rel="stylesheet" href="styles.css"></head>
<body>
    <table id="tbb">
        <tr>
            <th>SLNo:</th>
            <th>Admission No:</th>
            <th>Name</th>
            <th>Email id</th>
        </tr>
        <tr>
            <td>1</td>
            <td>19MP2134</td>
            <td>Uthara Rajesh</td>
            <td>uthara@gmail.com</td>
        </tr>
        <tr>
            <td>2</td>
            <td>19MP2135</td>
            <td>Malavika</td>
            <td>malavika@gmail.com</td>
        </tr>
        <tr>
            <td>3</td>
            <td>19MP2136</td>
            <td>Ajith</td>
            <td>ajith@gmail.com</td>
        </tr>
    </table>
```

```

        <td>4</td>
        <td>19MP2137</td>
        <td>Advaith</td>
        <td>advaith@gmail.com</td>
    </tr>
    <tr>
        <td>5</td>
        <td>19MP2138</td>
        <td>Arjun</td>
        <td>arjun@gmail.com</td>
    </tr>
</table>
</body>
</html>

```

styles.css

```

#tbb {
    width: 100%;
    border-collapse: collapse;
    font-family: sans-serif;
}
#tbb th {
    padding: 20px 0;
    text-align: left;
    color: white;
    background-color: #b22222;
    border: 1px solid grey;
}
#tbb td {
    padding: 8px;
    border: 1px solid grey;
}
#tbb tr:nth-child(even) {
    background-color: #f2f2f2;
}
#tbb tr:hover {
    background-color: burlywood;
}

```

RESULT

The HTML page to demonstrate stripped table using css.

HTML PAGE WITH IMAGE ALIGNED USING CSS**AIM**

Create a web page with a center aligned Image using CSS.

SOURCE CODE:10centering.html

```
<html>
  <head><link rel="stylesheet" href="10.css"></head>
  <h2>Center an image</h2>
  
  <h2>Leaning tower of pisa</h2>
</html>
```

10.css

```
h2{
  background-color:red;
  color: white;
}
img{
  display:block;
  margin:auto;
}
```

RESULT

The HTML page to demonstrate image aligned using css.

HTML PAGE WITH NAVIGATION BAR USING CSS**AIM**

Create a fixed full size side navigation bar using CSS.

a) Create a div tag with class name 'sidenav' and hyperlinks – About us, Departments, Vision and Mission and Contact us.

b) Create a div with class name 'main' and h1 tag for heading 'side barexample'.

c) CSS for anchor tag

- Set as Block element.

- Text decoration none

- Top, right, bottom, left padding 6px, 8px, 6px and 16px respectively.

- Text color white.

d) CSS for side nav div tag

- Height stretches full document height.

- Width 160px, Padding top 20px.

- Background color green.

- Use position, top, left properties to create a fixed full size side navigation bar on top left corner.

- Highlight menus on mouse over by setting 'red' Text color.

e) CSS for main div tag

- Left margin should be same as the width of the sidenav div.

- Top and bottom paddings are 0px

- Right and left paddings are 10px

- Set 2000px as height.

SOURCE CODE:11.html

```
<html>
<head><link rel="stylesheet" href="11.css"></head>
<div class="sidenav">
<p> <a href="">AboutUs</a>
    <a href="">Departments</a>
    <a href="">Vision and Mission</a>
    <a href="">Contact Us</a>
</p>
</div>
```

```
<div class="main">
    <h1>Sidebar Example</h1>
</div>
</html>
```

11.css

```
a{
    display:block;
    text-decoration:none;
    padding-top:6px;
    padding-right:8px;
    padding-bottom:6px;
    padding-left:16px;
    color:white;
}
.sidenav{
    height:100%;
    width:160px;
    padding-top:20px;
    position:fixed;
    background-color:green;
}
.sidenav a:hover{
    background-color:red;
}
.main{
    position:fixed;
    left:200px;
    padding-top:0px;
    padding-right:10px;
    padding-bottom:0px;
    padding-left:10px;
    height:2000px;
}
```

RESULT

The HTML page to demonstrate Navigation bar using CSS has been designed.

CHANGE BACKGROUND COLOUR OF WEBPAGE USING JAVASCRIPT

AIM

Develop a web application using JavaScript to change the background color of the web page when the following events of the button “change background color” occur.

- a. Double click – background color changed to green.
- b. Single click – background color changed to red

SOURCE CODE:

```
<html>
<head>
    <style>
        body {
            text-align: center;
            margin-top: 100px;
            font-family: Arial, Sans-Serif;
        }
        button {
            padding: 15px 30px;
            font-size: 18px;
            cursor: pointer;
        }
    </style>
</head>
<body>
    <button id="crbtn">Change Background Color</button>
    <script>
        const crbtn = document.getElementById("crbtn");
        crbtn.addEventListener('click', function() {
            document.body.style.backgroundColor = 'red';
        });
        crbtn.addEventListener('dblclick', function() {
            document.body.style.backgroundColor = 'green';
        });
    </script>
</body>
</html>
```

RESULT

The HTML page to change background color using javascript has been created.

CHANGE IMAGES IN BACKGROUND USING JAVASCRIPT**AIM**

Create a web application using JavaScript to turn on / off the given light bulb.

SOURCE CODE:

```
<html>
<head>
  <style>
    body {
      text-align: center;
      margin-top: 100px;
      font-family: Arial, Sans-Serif;
    }
    img{
      width:200px;
      height:auto;
      margin:20px;
    }
    button {
      padding: 10px 20px;
      margin:10px;
      font-size: 18px;
      cursor: pointer;
    }
  </style>
</head>
<body>

  <br>
  <button id="offbutton">TURN OFF</button>
  <button id="onbutton">TURN ON</button>
  <script>
    const off=document.getElementById("offbutton");
    const on=document.getElementById("onbutton");
    on.addEventListener('click', function() {
      document.getElementById("bulb").src ='bulbon.png';

    });
    off.addEventListener('click', function() {
      document.getElementById("bulb").src ='bulboff    .png';
    });
  </script>
</body>
```

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

RESULT

The HTML page to change images in background using javascript has been created.

VALIDATE INPUT FIELDS IN FORMS USING JAVASCRIPT**AIM**

Develop a web application using JavaScript to validate the Name, Email and Mobile number fields of the form.

SOURCE CODE:

```
<html>
<head>
  <script>
    function validateForm() {
      var firstName = document.forms["registrationForm"]["firstName"].value;
      var lastName = document.forms["registrationForm"]["lastName"].value;
      var email = document.forms["registrationForm"]["email"].value;
      var mobile = document.forms["registrationForm"]["mobile"].value;
      var missingFields = [];

      // Check for missing fields
      if (firstName === "") missingFields.push("First Name");
      if (lastName === "") missingFields.push("Last Name");
      if (email === "") missingFields.push("Email-ID");
      if (mobile === "") missingFields.push("Mobile Number");

      // Validate first name and last name length
      if (firstName.length > 30) missingFields.push("First Name exceeds 30 characters");
      if (lastName.length > 30) missingFields.push("Last Name exceeds 30 characters");

      // Validate email format
      var emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
      if (email && !emailPattern.test(email)) {
        missingFields.push("Invalid Email-ID format");
      }

      // Validate mobile number (10 digits)
      var mobilePattern = /^\d{10}$/;
      if (mobile && !mobilePattern.test(mobile)) {
        missingFields.push("Mobile Number must be 10 digits");
      }

      // Alert if there are any issues
      if (missingFields.length > 0) {
        alert("Errors: " + missingFields.join(", "));
      }
    }
  </script>
</head>
</html>
```

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        return false;
    }

    return true;
}
</script>
</head>
<body>
    <h2 style="text-align:center">STUDENT REGISTRATION FORM</h2>
    <form name="registrationForm" onsubmit="return validateForm()">
        <table align="center" border="1" cellpadding="8">
            <tr>
                <td>FIRST NAME</td>
                <td><input type="text" name="firstName">&nbsp;(max 30 Characters)</td>
            </tr>
            <tr>
                <td>LAST NAME</td>
                <td><input type="text" name="lastName">&nbsp;(max 30 Characters)</td>
            </tr>
            <tr>
                <td>DATE OF BIRTH</td>
                <td>
                    <select>
                        <!-- Days -->
                        <option>1</option>
                        <option>2</option>
                        <option>3</option>
                        <option>4</option>
                        <option>5</option>
                        <option>6</option>
                        <option>7</option>
                        <option>8</option>
                        <option>9</option>
                        <option>10</option>
                        <option>11</option>
                        <option>12</option>
                        <option>13</option>
                        <option>14</option>
                        <option>15</option>
                        <option>16</option>
                        <option>17</option>
                        <option>18</option>
                        <option>19</option>
                        <option>20</option>
                    </select>
                </td>
            </tr>
        </table>
    </form>

```

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    <option>21</option>
    <option>22</option>
    <option>23</option>
    <option>24</option>
    <option>25</option>
    <option>26</option>
    <option>27</option>
    <option>28</option>
    <option>29</option>
    <option>30</option>
    <option>31</option>
</select>
<select>
    <!-- Months -->
    <option>Jan</option>
    <option>Feb</option>
    <option>Mar</option>
    <option>Apr</option>
    <option>May</option>
    <option>Jun</option>
    <option>Jul</option>
    <option>Aug</option>
    <option>Sep</option>
    <option>Oct</option>
    <option>Nov</option>
    <option>Dec</option>
</select>
<select>
    <!-- Years -->
    <option>2010</option>
    <option>2011</option>
    <option>2012</option>
    <option>2013</option>
    <option>2014</option>
    <option>2015</option>
    <option>2016</option>
    <option>2017</option>
    <option>2018</option>
    <option>2019</option>
    <option>2020</option>
    <option>2021</option>
    <option>2022</option>
    <option>2023</option>
    <option>2024</option>

```

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        </select>
    </td>
</tr>
<tr>
    <td>EMAIL-ID</td>
    <td><input type="email" name="email"></td>
</tr>
<tr>
    <td>MOBILE NUMBER</td>
    <td><input type="text" name="mobile">&nbsp;(10 digit number)</td>
</tr>
<tr>
    <td>GENDER</td>
    <td><input type="radio" name="gen" value="MALE">Male<input type="radio"
        name="gen" value="FEMALE">Female</td>
</tr>
<tr>
    <td>ADDRESS</td>
    <td><textarea rows="3" cols="25"></textarea></td>
</tr>
<tr>
    <td>CITY</td>
    <td><input type="text">&nbsp;(max 30 Characters)</td>
</tr>
<tr>
    <td>PINCODE</td>
    <td><input type="text">&nbsp;(6-digit number)</td>
</tr>
<tr>
    <td>STATE</td>
    <td><input type="text">&nbsp;(max 30 Characters)</td>
</tr>
<tr>
    <td>COUNTRY</td>
    <td><input type="text" value="INDIA">&nbsp;</td>
</tr>
<tr>
    <td>HOBBIES</td>
    <td>
        <input type="checkbox">Drawing&nbsp;
        <input type="checkbox">Singing&nbsp;
        <input type="checkbox">Dancing&nbsp;
        <input type="checkbox">Sketching<br>
        <input type="checkbox">Others&nbsp;<input type="text">
    </td>
</tr>

```

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</td>
</tr>
<tr>
<td>QUALIFICATION</td>
<td>
<table>
<tr>
<th>SL NO:&nbsp;</th>
<th>Examination&nbsp;</th>
<th>Board&nbsp;</th>
<th>Percentage&nbsp;</th>
<th>Year of Passing&nbsp;</th>
</tr>
<tr>
<th>1</th>
<th>Class X</th>
<td><input type="text"></td>
<td><input type="text"></td>
<td><input type="text"></td>
</tr>
<tr>
<th>2</th>
<th>Class XII</th>
<td><input type="text"></td>
<td><input type="text"></td>
<td><input type="text"></td>
</tr>
<tr>
<th>3</th>
<th>Graduation</th>
<td><input type="text"></td>
<td><input type="text"></td>
<td><input type="text"></td>
</tr>
<tr>
<th>4</th>
<th>Masters</th>
<td><input type="text"></td>
<td><input type="text"></td>
<td><input type="text"></td>
</tr>
<tr>
<td></td>
<td></td>

```

```

        <td><center>(10 char max)</center></td>
        <td><center>(upto 2 decimal)</center></td>
    </tr>
</table>
</td>
</tr>
<tr>
    <td>COURSES<br>APPLIED FOR</td>
    <td>MCA<input type="radio" name="cou">M.Tech<input type="radio"
        name="cou">M.Sc.<input type="radio" name="cou">P.hD<input
        type="radio" name="cou"></td>
</tr>
<tr>
    <td>TYPE YOUR PASSWORD</td>
    <td><input type="password">&nbsp;(Max. 30 Characters)</td>
</tr>
<tr>
    <td>UPLOAD YOUR PHOTO</td>
    <td><input type="file"></td>
</tr>
<tr>
    <td>DATE OF TC</td>
    <td><input type="date"></td>
</tr>
<tr>
    <td colspan="2"><center><input type="submit" value="SUBMIT">&nbsp;<input
        type="reset"></center></td>
</tr>

```

RESULT

The HTML page to demonstrate form validation using javascript has been created.