

PRN: 21070126039 Name: Jainil Patel Batch: AI/ML A2

FS LAB 1

Basic HTML

Problem: Create a basic yet visually appealing webpage for a user registration form using only HTML. The page should include essential elements such as input fields for name, email, and password. Implement a clean and straightforward design that is responsive to different screen sizes. Ensure proper labelling and organization of form elements, demonstrating a fundamental understanding of HTML structure and layout principles. The challenge lies in creating an aesthetically pleasing and user-friendly registration page without using external CSS or JavaScript.

Expected Output:

STUDENT REGISTRATION FORM

FIRST NAME (max 30 characters a-z and A-Z)

Middle NAME (max 30 characters a-z and A-Z)

LAST NAME (max 30 characters a-z and A-Z)

DATE OF BIRTH Day: Month: Year:

EMAIL ID

MOBILE NUMBER (10 digit number)

GENDER Male ☐ Female ☐

ADDRESS

CITY (max 30 characters a-z and A-Z)

PIN CODE (6 digit number)

STATE (max 30 characters a-z and A-Z)

COUNTRY India

HOBBIES Coding ☐ Blog-Writing ☐ Hacking ☐ Cricket ☐ Others ☐

Sl.No.	Examination	Board	Percentage	Year of Passing
1	Class X	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Class XII	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	Graduation	<input type="text"/>	<input type="text"/>	<input type="text"/>
4	Masters	<input type="text"/>	<input type="text"/>	<input type="text"/>

(10 char max) (upto 2 decimal)

COURSES APPLIED FOR B.Tech ☐ M.Tech ☐ PhD ☐ MS ☐

Code:

```

<html>
  <head>

    <title>SIT/FS/Jainil Patel - 21070126039</title>

    <style>
      table {
        margin-top: 5px;
      }
      td {
        padding: 5px;
      }

    </style>

  </head>
  <body>
    <h2 style="text-align: center;"> Student Registration Form</h2>

    <table cell padding = "10">
      <tr>
        <td>First Name</td>
        <td><input type = "text" name = "T1"> (max 30 characters a-z and A-Z) </td>
      </tr>
      <tr>
        <td>Middle Name</td>
        <td><input type="text" name="T2"> (max 30 characters a-z and A-Z) </td>
      </tr>

      <tr>
        <td>Last Name</td>
        <td><input type="text" name="T2"> (max 30 characters a-z and A-Z) </td>
      </tr>

      <tr>
        <td>Date of Birth</td>
        <td>
          <select name="date">
            <option>Date</option>
            <option value="1">1</option>
            <option value="2">2</option>
            <option value="3">3</option>
            <option value="4">4</option>
            <option value="5">5</option>
            <option value="6">6</option>
            <option value="7">7</option>
            <option value="8">8</option>
            <option value="9">9</option>
            <option value="10">10</option>
          </select>
        </td>
      </tr>
    </table>
  </body>
</html>

```

Name: Jainil Patel

PRN : 21070126039

```
<option value="11">11</option>
<option value="12">12</option>
<option value="13">13</option>
<option value="14">14</option>
<option value="15">15</option>
<option value="16">16</option>
<option value="17">17</option>
<option value="18">18</option>
<option value="19">19</option>
<option value="20">20</option>
<option value="21">21</option>
<option value="22">22</option>
<option value="23">23</option>
<option value="24">24</option>
<option value="25">25</option>
<option value="26">26</option>
<option value="27">27</option>
<option value="28">28</option>
<option value="29">29</option>
<option value="30">30</option>
<option value="31">31</option>
</select>
<select name="month">
  <option>Month</option>
  <option value="jan">Jan</option>
  <option value="feb">Feb</option>
  <option value="mar">Mar</option>
  <option value="apr">Apr</option>
  <option value="may">May</option>
  <option value="jun">Jun</option>
  <option value="jul">Jul</option>
  <option value="aug">Aug</option>
  <option value="sep">Sep</option>
  <option value="oct">Oct</option>
  <option value="nov">Nov</option>
  <option value="dec">Dec</option>

</select>
<select name="year">
  <option>Year</option>
  <option value="1990">1990</option>
  <option value="1991">1991</option>
  <option value="1992">1992</option>
  <option value="1993">1993</option>
  <option value="1994">1994</option>
  <option value="1995">1995</option>
  <option value="1996">1996</option>
  <option value="1997">1997</option>
  <option value="1998">1998</option>
  <option value="1999">1999</option>
  <option value="2000">2000</option>
```

```

        <option value="2001">2001</option>
        <option value="2002">2002</option>
        <option value="2003">2003</option>
        <option value="2004">2004</option>
        <option value="2005">2005</option>
        <option value="2006">2006</option>
    </select>
</td>
</tr>

<tr>
    <td>Email ID</td>
    <td><input type = "EMAIL ID" name = "T1"> </td>
</tr>
<tr>
    <td>Mobile Number</td>
    <td><input type="text" name="T2"> (10 digit Number) </td>
</tr>

<tr>
    <td>Gender</td>
    <td>
        <label for="Male">Male</label>
        <input type="radio" id="Male" name="Gender" value="Male">
        <label for="Female">Female</label>
        <input type="radio" id="Female" name="Gender" value="Female">

    </td>
</tr>

<tr>
    <td>Address</td>
    <td><textarea name="address" rows="4" cols="50"></textarea></td>
</tr>

<tr>
    <td>City</td>
    <td><input type="text" name="T2"> (max 30 characters a-z and A-Z) </td>
</tr>

<tr>
    <td>Pin Code</td>
    <td><input type="text" name="T2"> (6 digit number) </td>
</tr>

<tr>
    <td>State</td>
    <td><input type="text" name="T2"> (max 30 characters a-z and A-Z) </td>
</tr>

<tr>

```

```

        <td>Country</td>
        <td><input type="text" name="T2"></td>
    </tr>

    <tr>
        <td>Hobbies</td>
        <td>
            <label for="coding">Coding</label>
            <input type="checkbox" id="coding" name="hobbies" value="coding">

            <label for="blogWriting">Blog Writing</label>
            <input type="checkbox" id="blogWriting" name="hobbies" value="blogWriting">

            <label for="hacking">Hacking</label>
            <input type="checkbox" id="hacking" name="hobbies" value="hacking">

            <label for="cricket">Cricket</label>
            <input type="checkbox" id="cricket" name="hobbies" value="cricket">

            <label for="others">Others</label>
            <input type="checkbox" id="others" name="hobbies" value="others">

            <input type="text" id="otherHobbies" name="otherHobbies"
placeholder="Specify other hobbies">
        </td>
    </tr>

    <tr>
        <td>Qualification</td>
        <td>
            <table>
                <tr>

                    <td style="text-align: center; padding-right: 20px;"><b>Sr
No.</b></td>

                    <td style="text-align: center;"><b>Examination</b></td>
                    <td style="text-align: center;"><b>Board</b></td>
                    <td style="text-align: center;"><b>Percentage</b></td>
                    <td style="text-align: center;"><b>Year of Passing</b></td>
                </tr>
                <tr>
                    <td>1</td>
                    <td>Class X</td>
                    <td><input type="text" name="T2"></td>
                    <td><input type="text" name="T2"></td>
                    <td><input type="text" name="T2"></td>
                </tr>
                <tr>
                    <td>2</td>
                    <td>Class XII</td>

```

```

        <td><input type="text" name="T2"></td>
        <td><input type="text" name="T2"></td>
        <td><input type="text" name="T2"></td>
    </tr>
    <tr>
        <td>3</td>
        <td>Graduation</td>
        <td><input type="text" name="T2"></td>
        <td><input type="text" name="T2"></td>
        <td><input type="text" name="T2"></td>
    </tr>
    <tr>
        <td>4</td>
        <td>Masters</td>
        <td><input type="text" name="T2"></td>
        <td><input type="text" name="T2"></td>
        <td><input type="text" name="T2"></td>
    </tr>

    <tr>
        <td></td>
        <td></td>
        <td style="text-align: center;">(10 char max)</td>
        <td style="text-align: center;">(up to 2 decimal)</td>
    </tr>

</table>
</td>

</tr>

<tr>
    <td>Courses Applied For</td>
    <td>
        <label for="btech">B.Tech</label>
        <input type="radio" id="btech" name="courses" value="btech">

        <label for="mtech">M.Tech</label>
        <input type="radio" id="mtech" name="courses" value="mtech">

        <label for="phd">PhD</label>
        <input type="radio" id="phd" name="courses" value="phd">

        <label for="ms">MS</label>
        <input type="radio" id="ms" name="courses" value="ms">
    </td>
</tr>

<tr>
    <td colspan="2" style="text-align: center;">

```

```

                <input type="submit" value="Submit">
                <input type="reset" value="Reset">
            </td>
        </tr>
    </table>

</body>
</html>

```

Output:

Student Registration Form

First Name (max 30 characters a-z and A-Z)

Middle Name (max 30 characters a-z and A-Z)

Last Name (max 30 characters a-z and A-Z)

Date of Birth

Email ID

Mobile Number (10 digit Number)

Gender ☒ Male ☐ Female

Address

City (max 30 characters a-z and A-Z)

Pin Code (6 digit number)

State (max 30 characters a-z and A-Z)

Country

Hobbies ☒ Coding ☐ Blog Writing ☐ Hacking ☒ Cricket ☒ Others ☐

Sr No.	Examination	Board	Percentage	Year of Passing
1	Class X	<input type="text" value="CBSE"/>	<input type="text" value="90"/>	<input type="text" value="2019"/>
2	Class XII	<input type="text" value="CBSE"/>	<input type="text" value="90"/>	<input type="text" value="2021"/>
3	Graduation	<input type="text" value="SIT"/>	<input type="text" value="8"/>	<input type="text" value="2025"/>
4	Masters	<input type="text" value="NA"/>	<input type="text" value="NA"/>	<input type="text" value="NA"/>

(10 char max) (up to 2 decimal)

Courses Applied For ☐ B.Tech ☒ M.Tech ☐ PhD ☐ MS

Student Registration Form

First Name (max 30 characters a-z and A-Z)
 Middle Name (max 30 characters a-z and A-Z)
 Last Name (max 30 characters a-z and A-Z)
 Date of Birth
 Email ID
 Mobile Number (10 digit Number)
 Gender ☒ Male ☐ Female
 Address
 City (max 30 characters a-z and A-Z)
 Pin Code (6 digit number)
 State (max 30 characters a-z and A-Z)
 Country
 Hobbies ☐ Coding ☒ Blog Writing ☐ Hacking ☒ Cricket ☐ Others

Sr No.	Examination	Board	Percentage	Year of Passing
1	Class X	CISCE	90	2019
2	Class XII	CISCE	90	2021
3	Graduation	B.T	8	2025
4	Masters	NA	NA	NA

 (10 char max) (up to 2 decimal)
 Courses Applied For ☒ B.Tech ☐ M.Tech ☐ PhD ☐ MS

HTML Tags used:

1. **<html>**: Defines the root element of an HTML document.

```
<html>
  <!-- HTML content goes here -->
</html>
```

2. **<head>**: Contains meta-information about the HTML document, such as title, links to stylesheets, and scripts.

```
<head>
  <title>My Page Title</title>
  <!-- Other meta-information goes here -->
</head>
```

3. **<title>**: Sets the title of the HTML document displayed in the browser's title bar or tab.

```
<title>My Page Title</title>
```

4. **<style>**: Defines CSS styles that apply to elements within the document.

```
<style>
  body {
    font-family: Arial, sans-serif;
  }
</style>
```


5. **<body>**: Contains the content of the HTML document that is displayed in the browser window.

```
<body>
  <h1>Hello, World!</h1>
  <p>This is a paragraph.</p>
</body>
```

6. **<h1>/<h2>**: Defines a level 2 heading. In this case, it's the "Student Registration Form" heading.

```
<h2>This is a Heading Level 2</h2>
```

7. **<table>**: Defines a table.

```
<table>
  <!-- Table rows and cells go here -->
</table>
```

8. **<tr>**: Defines a table row.

```
<tr>
  <!-- Table cells go here -->
</tr>
```

9. **<td>**: Defines a table data/cell.

```
<td> </td>
```

10. **<input>**: Defines an input control that allows.

- **<input type="text">**: Creates a single-line text input field.
- **<input type="checkbox">**: Creates a checkbox input field.
- **<input type="radio">**: Creates a radio button input field.
- **<input type="submit">**: Creates a submit button.
- **<input type="reset">**: Creates a reset button.

```
<input type="text" name="username" placeholder="Enter your username">
```

11. **<select>**: Defines a dropdown list.

```
<select name="cars">
  <option value="volvo">Volvo</option>
  <option value="saab">Saab</option>
  <option value="mercedes">Mercedes</option>
  <option value="audi">Audi</option>
</select>
```

12. **<option>**: Defines an option in a dropdown list.

```
<option value="volvo">Volvo</option>
```

13.<label>: Defines a label for an <input> element.

```
<label for="username">Username:</label>  
<input type="text" id="username" name="username">
```

14.<textarea>: Defines a multiline input control (text area).

```
<textarea name="message" rows="4" cols="50"></textarea>
```

15.<radio>: Defines a radio button input control.

```
<input type="radio" id="male" name="gender" value="male">  
<label for="male">Male</label>
```

16.<checkbox>: Defines a checkbox input control.

```
<input type="checkbox" id="subscribe" name="subscribe" value="yes">  
<label for="subscribe">Subscribe to newsletter</label>
```

17.<submit>: Defines a submit button for submitting a form.

```
<input type="submit" value="Submit">
```

18.<input type="reset" value="Reset">

```
<input type="reset" value="Reset">
```