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:

	STUDE	NI REGISTRATIO	NIOKNI										
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 O Female O												
ADDRESS													
CITY	(man 30 characters a-a and A-Z)												
PIN CODE	(6 digit number)												
STATE	(max 30 characters a-z and A-Z)												
COUNTRY	India												
HOBBIES	Coding Blog-Writing	☐ Hacking ☐ Cricke	t 🗆 Others 🗆 🗀										
QUALIFICATION	SLNo. Examination 1 Class X 2 Class XII 3 Graduation 4 Masters	Board (10 char max)	Percentage	Year of Passing									
COURSES APPLIED FOR	B.Tech O M.Tech O F	PhD O MS O											

Code:

```
<html>
       <title>SIT/FS/Jainil Patel - 21070126039</title>
             margin-top: 5px;
             padding: 5px;
       </style>
   </head>
       <h2 style="text-align: center;"> Student Registration Form</h2>
       First Name
             <input type = "text" name = "T1"> (max 30 characters a-z and A-Z) 
          Middle Name
             <input type="text" name="T2"> (max 30 characters a-z and A-Z) 
          Last Name
             <input type="text" name="T2"> (max 30 characters a-z and A-Z) 
          Date of Birth
                 <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>
```

```
<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 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>
   Email ID
   <input type = "EMAIL ID" name = "T1"> 
Mobile Number
   <input type="text" name="T2"> (10 digit Number) 
Gender
      <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">
   Address
   <textarea name="address" rows="4" cols="50"></textarea>
City
   <input type="text" name="T2"> (max 30 characters a-z and A-Z) 
Pin Code
   <input type="text" name="T2"> (6 digit number) 
State
   <input type="text" name="T2"> (max 30 characters a-z and A-Z)
```

```
Country
           <input type="text" name="T2">
        Hobbies
              <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">0thers</label>
              <input type="checkbox" id="others" name="hobbies" value="others">
              <input type="text" id="otherHobbies" name="otherHobbies"</pre>
placeholder="Specify other hobbies">
           Qualification
           <b>Sr
No.</b>
                    <b>Examination</b>
                    <b>Board</b>
                    <b>Percentage</b>
                    <b>Year of Passing</b>
                 1
                    Class X
                    <input type="text" name="T2">
                    <input type="text" name="T2">
                    <input type="text" name="T2">
                 2
                    Class XII
```

```
<input type="text" name="T2">
          <input type="text" name="T2">
          <input type="text" name="T2">
        3
          Graduation
          <input type="text" name="T2">
          <input type="text" name="T2">
          <input type="text" name="T2">
        4
          Masters
          <input type="text" name="T2">
          <input type="text" name="T2">
          <input type="text" name="T2">
        <
          (10 char max)
          (up to 2 decimal)
        Courses Applied For
     <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">
```

Output:

Student Registration Form

First Name	Jainil		(max 30 characters a-z and	A-Z)										
Middle Name	HIren (max 30 characters a-z and A-Z)													
Last Name	Patel (max 30 characters a-z and A-Z)													
Date of Birth	21 V May V 2003 V													
Email ID	jainil.patel.btech2021@sitpun													
Mobile Number	7774036728 (10 digit Number)													
Gender	Male Female													
Address	202 , Aaudamber Heights , Sus													
City	Pune (max 30 characters a-z and A-Z)													
Pin Code	411021		(6 digit number)											
State	Maharasht	ra	(max 30 characters a-z and A-Z)											
Country	India													
Hobbies	bbies Coding ☑ Blog Writing ☐ Hacking ☑ Cricket ☑ Others ☐ Specify other hobbies													
	Sr No.	Examination	Board	Percentage	Year of Passing									
	1	Class X	CBSE	90	2019									
Qualification	2	Class XII	CBSE	90	2021									
Quantication	3	Graduation	SIT	8	2025									
	4	Masters	NA	NA	NA									
			(10 char max)	(up to 2 decimal)										
Courses Applied For B.Tech M.Tech PhD MS Submit Reset														

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<		e					•	127	7.0.0.1 :55											8	
														Student Registr	ation Form						
											First Name Middle Nan Last Name Date of Birt Email ID Mobile Nuc Gender Address	Patel [jaini pa	May V 204 fel blech2021@sity 6726 Female O Aaudanber Heigh	(10 digit Number)	-z and A-Z) -z and A-Z)						
											City Pin Code State Country Hobbies	Pune 411021 Mahara India Coding	shtra	(max 30 characters a (6 digit number) (max 30 characters a Hacking		hobbies	7				
											Qualificatio	Sr No			Percentage	2019 2021 2025 NA	1]]]			
											Courses Ap	plied For B.Tech	● M.Tech ○ I			,					
) Sea	arch	1	- 3			Th	_	0	7 //	1 ×1	@ 🦛								

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.

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>
    This is a paragraph.
</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. : Defines a table.

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

8. : Defines a table row.

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

9. : Defines a table data/cell.

- 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.

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

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

13.<|abel>: 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"</pre>
```