

Name: Sourav Shailesh Toshniwal

Class: TY CSE-8 AIEC-1

Batch: A

Roll no: 2213047

Serial no: 6

Assignment 1

Title: Design a Company Registration Form with CSS styles that includes all of the form tag's features. Show the relevant Form output in a compatible browser.

Theory:

A company registration form is a critical part of any business website or application. It allows potential customers or partners to provide essential information to initiate a business relationship. Here's a brief explanation of each component of the form:

1. **Form Structure:** The form is created using the ``<form>`` tag, which contains various form elements like input fields, checkboxes, radio buttons, and a submit button. The ``action`` attribute of the form specifies the URL to which the form data should be sent, and the ``method`` attribute specifies the HTTP method (usually "POST") to submit the form.
2. **Input Fields:** Input fields are created using the ``<input>`` tag. They can have different types (text, email, password, etc.), specified by the ``type`` attribute. The ``name`` attribute is used to identify the input when the form is submitted, and the ``placeholder`` attribute provides a hint to the user about what to enter.
3. **Radio Buttons and Checkboxes:** Radio buttons are used when the user can only select one option from a list, while checkboxes allow multiple selections. These are created using the ``<input>`` tag with ``type="radio"` and ``type="checkbox"``, respectively.
4. **Textarea:** The ``<textarea>`` tag allows users to enter multiline text, such as comments or descriptions.

5. Select Dropdown: The ``<select>`` tag creates a dropdown menu, and the ``<option>`` tag inside it defines the available choices.
6. Required Fields: By adding the ``required`` attribute to input fields, you make them mandatory, ensuring that users provide necessary information.
7. Validation: HTML5 offers built-in form validation through attributes like ``type="email"``, ``type="number"``, ``min``, ``max``, etc. JavaScript can also be used to perform custom validation and display appropriate error messages.
8. CSS Styling: CSS is applied to the form elements to enhance the visual appearance, layout, and overall user experience. You can use properties like ``color``, ``font-family``, ``background``, ``padding``, ``margin``, etc., to customize the form's appearance.

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Assignment 1</title>
  <style>
    .header {
      height: 3rem;
      background-color: #85F4FF;
      width: 50%;
    }
    h1 {
      color: #14279B;
      padding: 5px;
      padding-left: 20%;
    }
    td {
      font-size: 1.2rem;
    }
    .normal-input,select {
      min-width: 400px;
      font-size: 1.2rem;
    }
    table{
      background-color: #FFFFFFD;
    }
    button {
      background-color: #85F4FF;
      color: #14279B;
      border: none;
      font-size: 1.2rem;
    }
  </style>
</head>
<body>
```

```

    }
    button:hover{
        cursor: pointer;
        opacity:.6;
    }
</style>
</head>
<body>
    <div class="header">
        <h1>
            Company Registration Form
        </h1>
    </div>
    <div>
        <form action="mailto:sourav280902@gmail.com" method="post"
enctype="text/plain">
            <table cellpadding="27">
                <tbody>
                    <tr>
                        <td>
                            <Label for="Enter your name">Enter your
name:</Label>
                        </td>
                        <td>
                            <input class="normal-input" type="text">
                        </td>
                    </tr>
                    <tr>
                        <td>
                            <Label>Choose the role you want to
apply:</Label>
                        </td>
                        <td>
                            <select name="position" id="position">
                                <option value="SoftwareEngineer">Software
Engineer</option>
                                <option value="Project Manager">Project
Manager</option>
                                <option value="CloudArchitect">Cloud
Architect</option>
                                <option value="DataAnalyst">Data
Analyst</option>
                                <option
value="NetworkAdministrator">Network Administrator</option>
                            </select>
                        </td>
                    </tr>
                    <tr>
                        <td>
                            <Label for="Gender">Gender:</Label>
                        </td>
                        <td>
                            <input type="radio" name="gender" id="male"
value="male">Male
                            <input type="radio" name="gender" id="female"
value="female">female
                        </td>
                    </tr>
                </tbody>
            </table>
        </form>
    </div>

```

```

        <tr>
            <td>
                <Label for="Age">Age:</Label>
            </td>
            <td>
                <input class="normal-input" type="number"
name="age" id="age">
            </td>
        </tr>
        <tr>
            <td>
                <Label for="Describe yourself">Describe
yourself:</Label>
            </td>
            <td>
                <textarea class="normal-input" name="describe"
id="Describe yourself" cols="30" rows="2"></textarea>
            </td>
        </tr>
        <tr>
            <td>
                <Label for="Experience">Experience (in
years):</Label>
            </td>
            <td>
                <input class="normal-input" type="number"
name="Experience" id="Experience">
            </td>
        </tr>
        <tr>
            <td>
                <Label for="Email">Email:</Label>
            </td>
            <td>
                <input class="normal-input" type="Email"
name="Email" id="Email">
            </td>
        </tr>
        <tr>
            <td>
                <Label for="Phone">Phone:</Label>
            </td>
            <td>
                <input class="normal-input" type="text"
name="Phone" id="Phone">
            </td>
        </tr>
        <tr>
            <td>
                <button type="submit">Submit</button>
            </td>
        </tr>
    </tbody>
</table>

```

```
</form>  
</div>  
</body>  
</html>
```

Output:

Company Registration Form

Enter your name:	<input type="text" value="Sourav"/>
Choose the role you want to apply:	<input type="text" value="Software Engineer"/>
Gender:	<input checked="" type="radio"/> Male <input type="radio"/> female
Age:	<input type="text" value="20"/>
Describe yourself:	<input type="text" value="asfbaikbfsa afkjavvb casskfa sc as"/>
Experience (in years):	<input type="text" value="0"/>
Email:	<input type="text" value="sourav280902@gmail.com"/>
Phone:	<input type="text" value="9225125192"/>
<input type="button" value="Submit"/>	

Conclusion:

In this assignment, we learned how to design a Company Registration Form using HTML and style it with CSS, incorporating all necessary form elements and features. We gained knowledge of form tags and attributes, input fields, checkboxes, radio buttons, dropdowns, and text areas.