

TITLE: Web Programming Skills (HTML)

OBJECTIVE:

To create a basic registration form using HTML, CSS, and responsive design techniques to align fields in a single column with added styling and color.

THEORY:

HTML (HyperText Markup Language) is the standard language for creating web pages. It defines the structure and content of web documents. CSS (Cascading Style Sheets) is used alongside HTML to style elements and enhance the visual presentation of web pages. The combination of these technologies helps in building visually appealing and user-friendly interfaces.

This report demonstrates the creation of a registration form, showcasing alignment, responsive design, and aesthetic enhancements using CSS for layout and styling.

CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport"
content="width=device-width, initial-
scale=1.0">
  <title>Registration Form</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f0f8ff; /* Light
blue background for the page */
      margin: 0;
      padding: 0;
    }
    .registration-form {
      width: 300px;
      margin: 50px auto;
      padding: 20px;
      background-color: #ffffff; /* White
background for the form */
      border: 1px solid #ccc;
      border-radius: 8px;
      box-shadow: 0 4px 8px rgba(0, 0, 0,
0.1);
    }
    .registration-form h2 {
      text-align: center;
      margin-bottom: 20px;
      color: #333; /* Darker text color for
better contrast */
    }
    .form-group {
      margin-bottom: 15px;
    }
    .form-group label {
      display: block;
      margin-bottom: 5px;
      font-weight: bold;
      color: #333;
    }
    .form-group input,
    .form-group textarea {
      width: 100%;
      padding: 8px;
      border: 1px solid #ccc;
      border-radius: 4px;
    }
    .form-group button {
      width: 100%;
      padding: 10px;
      background-color: #007bff; /* Blue
button */
```

```

        color: white;
        border: none;
        border-radius: 4px;
        cursor: pointer;
    }
    .form-group button:hover {
        background-color: #0056b3; /*
Darker blue for hover effect */
    }
</style>
</head>
<body>
    <div class="registration-form">
        <h2>Registration Form</h2>
        <form>
            <div class="form-group">
                <label for="fullname">Full
Name:</label>
                <input type="text" id="fullname"
name="fullname">
            </div>
            <div class="form-group">
                <label
for="email">Email:</label>
                <input type="email" id="email"
name="email">
            </div>
            <div class="form-group">
                <label
for="password">Password:</label>
                <input type="password"
id="password" name="password">
            </div>
            <div class="form-group">

```

```

                <label for="confirm-
password">Confirm Password:</label>
                <input type="password"
id="confirm-password" name="confirm-
password">
            </div>
            <div class="form-group">
                <label>Gender:</label>
                <label><input type="radio"
name="gender" value="male">
Male</label>
                <label><input type="radio"
name="gender" value="female">
Female</label>
            </div>
            <div class="form-group">
                <label for="dob">Date of
Birth:</label>
                <input type="date" id="dob"
name="dob">
            </div>
            <div class="form-group">
                <label
for="address">Address:</label>
                <textarea id="address"
name="address" rows="4"></textarea>
            </div>
            <div class="form-group">
                <button
type="submit">Register</button>
            </div>
        </form>
    </div>
</body>
</html>

```

DISCUSSION AND CONCLUSION:

The registration form successfully captures essential user data with a clear and organized layout, showcasing proper alignment of input fields in a single column. The use of contrasting background colors and responsive styling enhances the user experience, making the form visually appealing and easy to use. While the form is functional, further improvements, such as adding JavaScript for client-side validation, could ensure better data accuracy and usability. Overall, this project demonstrates foundational web development skills using HTML and CSS, providing a strong base for creating more advanced and interactive web applications in the future.

Registration Form

Full Name:

Email:

Password:

Confirm Password:


Gender:

☐ Male ☐ Female

Date of Birth:

Address:

Register

Registration Form

Full Name:

Ashish Singh

Email:

ashish121@gmail.com

Password:

Date of Birth:

12 / 12 / 2006



Address:

kathmandu -14



Register



Thank you for registering. Your form has been registered successfully!

OK