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LAB REPORT 2

WEB TECHNOLOGIES

HTML Forms and Introduction to CSS



Institute of Space and Technology

Submitted to: Miss Maryam

Objectives

By the end of this lab, students will:

1. **Understand** the structure of html forms and use of CSS in webpages.
2. **Be able to implement and create** HTML forms on webpages.
3. **Apply** CSS to create and design professional looking webpages.

Evaluation Tasks

1. Create a registration form with at least 6 input fields (text, email, password, radio, checkbox, select).
2. Apply internal CSS: Different background color for form & page, styled headings and labels, proper spacing & padding for inputs.
3. Add a submit button with hover effect.
4. Use an external CSS file instead of inline/internal CSS.

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>User Registration</title>
  <link rel="stylesheet" href="style.css">
  <link
    href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;600&display=swap"
    rel="stylesheet">
</head>
<style>
  body {
    font-family: 'Poppins', sans-serif;
    background: #0D1321;
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
    margin: 0;
  }
  form {
    width: 420px;
    background: #1D2D44;
```

```
color: #F0EBD8;
padding: 30px;
border-radius: 15px;
box-shadow: 0px 10px 25px rgba(0,0,0,0.5);
}

h2 {
    text-align: center;
    color: #748CAB;
    margin-bottom: 20px;
}

label {
    font-weight: 600;
    margin-top: 10px;
    display: block;
}

input, select {
    width: 100%;
    padding: 10px;
    margin: 8px 0 15px;
    border: 1px solid #3E5C76;
    border-radius: 6px;
    font-size: 14px;
    background: #3E5C76;
    color: #F0EBD8;
}

input::placeholder {
    color: #F0EBD8;
    opacity: 0.7;
}

input[type="radio"], input[type="checkbox"] {
    width: auto;
    margin-right: 5px;
}

</style>
<body>
    <form>
        <h2>User Registration</h2>

        <label>Full Name:</label>
        <input type="text" name="fullname" placeholder="Enter full name" required>

        <label>Email:</label>
        <input type="email" name="email" placeholder="Enter email" required>

        <label>Password:</label>
```

```

<input type="password" name="password" placeholder="Enter password" required>

<label>Gender:</label>
<input type="radio" name="gender" value="male"> Male
<input type="radio" name="gender" value="female"> Female

<label>Hobbies:</label>
<input type="checkbox" name="hobby" value="reading"> Reading
<input type="checkbox" name="hobby" value="sports"> Sports

<label>Country:</label>
<select name="Country">
    <option value="cs">Pakistan</option>
    <option value="se">Italy</option>
    <option value="it">America</option>
</select>

    <input type="submit" value="Register">
</form>
</body>
</html>

```

CSS Button:

```

input[type="submit"] {
    background: #748CAB;
    color: #0D1321;
    border: none;
    padding: 12px;
    border-radius: 6px;
    font-size: 16px;
    font-weight: 600;
    cursor: pointer;
    transition: 0.3s;
    width: 100%;
}

input[type="submit"]:hover {
    background: #F0EBD8;
    color: #1D2D44;
}

```

Output:

The screenshot shows a "User Registration" form in a web browser. The form fields include "Full Name" (placeholder: Enter full name), "Email" (placeholder: Enter email), "Password" (placeholder: Enter password), "Gender" (radio buttons for Male and Female), "Hobbies" (checkboxes for Reading and Sports), "Country" (dropdown menu showing "Italy" selected), and a "Register" button.

User Registration

Full Name:
Enter full name

Email:
Enter email

Password:
Enter password

Gender:
● Male ● Female

Hobbies:
■ Reading ■ Sports

Country:
Italy

Register

