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Exno 1 d) Develop a web page to create registration page using html form tags.

Aim: Develop a web page to create registration page using html form tags. The tentative registration page template is given below. Your page should include,

- Use table to create forms with proper alignment.
- Apply different html input types (text, number, checkbox, radio and so on)

The registration form includes the following fields and sections:

- FIRST NAME**: Text input (max 30 characters a-z and A-Z)
- LAST NAME**: Text input (max 30 characters a-z and A-Z)
- DATE OF BIRTH**: Three dropdown menus for Day, Month, and Year.
- EMAIL ID**: Text input
- MOBILE NUMBER**: Text input (10 digit number)
- GENDER**: Radio buttons for Male and Female.
- ADDRESS**: Text area
- CITY**: Text input (max 30 characters a-z and A-Z)
- PIN CODE**: Text input (6 digit number)
- STATE**: Text input (max 30 characters a-z and A-Z)
- COUNTRY**: Text input (pre-filled with India)
- HOBBIES**: Checkboxes for Drawing, Singing, Dancing, Sketching, and Others (with a text input for others).
- QUALIFICATION**: A table with 4 rows and 4 columns: Sl.No., Examination, Board, Percentage, and Year of Passing.

Sl.No.	Examination	Board	Percentage	Year of Passing
1	Class X			
2	Class XII			
3	Graduation			
4	Masters			

(10 char max) (upto 2 decimal)
- COURSES APPLIED FOR**: Radio buttons for BCA, B.Com, B.Sc, and B.A.
- Buttons**: Submit and Reset.

(Reference: progmgpalace)

HTML Tags need to be used:

Tags/elements/methods used	Attributes

<h1>	
<p>	
<table>	Use rowspan and colspan
<form>	
<input>	Use different types
HTTP methods	get, post
<label>	

Procedure:

1. Create an html file named as registration.html to design a page as per the above-mentioned template.
2. Multiple pages can also be created and connected together using form actions.
3. Use HTTP methods (get and post) to understand the differences between them.
4. In notepad or any editor or IDE type the necessary code & save with the file name mentioned with .html extension display your time table.
5. To view your web page, simply double click your html file.

<Paste your code>**Registration.html**

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Registration Page</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #d4a373;
      margin: 0;
      padding: 0;
    }
    h1 {
      text-align: center;
      margin-top: 20px;
    }
    .form-container {

```

```
width: 60%;
margin: 20px auto;
background-color: #fff;
padding: 20px;
border-radius: 8px;
box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}
table {
width: 100%;
border-collapse: collapse;
}
td {
padding: 10px;
}
label {
font-weight: bold;
}
input[type="text"], input[type="email"], input[type="number"], select, textarea {
width: 100%;
padding: 8px;
margin: 5px 0;
box-sizing: border-box;
}
textarea {
resize: none;
}
.hobbies input {
margin-right: 5px;
}
.buttons {
text-align: center;
margin-top: 20px;
}
input[type="submit"], input[type="reset"], button {
padding: 10px 20px;
border: none;
background-color: #6b705c;
color: white;
border-radius: 5px;
cursor: pointer;
}
input[type="submit"]:hover, input[type="reset"]:hover, button:hover {
background-color: #40513b;
}
</style>
</head>
<body>
<h1>Registration Form</h1>
```

```
<div class="form-container">
  <form method="post" action="success.html">
    <table border="0">
      <tr>
        <td><label for="first-name">First Name:</label></td>
        <td><input type="text" id="first-name" name="first-name" maxlength="30" required></td>
      </tr>
      <tr>
        <td><label for="last-name">Last Name:</label></td>
        <td><input type="text" id="last-name" name="last-name" maxlength="30" required></td>
      </tr>
      <tr>
        <td><label for="dob">Date of Birth:</label></td>
        <td><input type="date" id="dob" name="dob" required></td>
      </tr>
      <tr>
        <td><label for="email">Email ID:</label></td>
        <td><input type="email" id="email" name="email" required></td>
      </tr>
      <tr>
        <td><label for="mobile">Mobile Number:</label></td>
        <td><input type="number" id="mobile" name="mobile" maxlength="10" required></td>
      </tr>
      <tr>
        <td><label>Gender:</label></td>
        <td>
          <input type="radio" id="male" name="gender" value="Male" required>
          <label for="male">Male</label>
          <input type="radio" id="female" name="gender" value="Female">
          <label for="female">Female</label>
        </td>
      </tr>
      <tr>
        <td><label for="address">Address:</label></td>
        <td><textarea id="address" name="address" rows="3" required></textarea></td>
      </tr>
      <tr>
        <td><label for="city">City:</label></td>
        <td><input type="text" id="city" name="city" maxlength="30" required></td>
      </tr>
      <tr>
        <td><label for="pincode">Pin Code:</label></td>
        <td><input type="number" id="pincode" name="pincode" maxlength="6" required></td>
      </tr>
      <tr>
        <td><label for="state">State:</label></td>
        <td><input type="text" id="state" name="state" maxlength="30" required></td>
      </tr>
    </table>
  </form>
</div>
```

```

<tr>
  <td><label for="country">Country:</label></td>
  <td><input type="text" id="country" name="country" value="India" readonly></td>
</tr>
<tr>
  <td><label>Hobbies:</label></td>
  <td class="hobbies">
    <input type="checkbox" name="hobbies" value="Drawing">Drawing
    <input type="checkbox" name="hobbies" value="Singing">Singing
    <input type="checkbox" name="hobbies" value="Dancing">Dancing
    <input type="checkbox" name="hobbies" value="Sketching">Sketching
    <input type="checkbox" name="hobbies" value="Others">Others
  </td>
</tr>
<tr>
  <td colspan="2"><label>Qualification:</label></td>
</tr>
<tr>
  <td colspan="2">
    <table border="1" width="100%">
      <tr>
        <th>Sl.No.</th>
        <th>Examination</th>
        <th>Board</th>
        <th>Percentage</th>
        <th>Year of Passing</th>
      </tr>
      <tr>
        <td>1</td>
        <td>Class X</td>
        <td><input type="text" name="board_x"></td>
        <td><input type="number" step="0.01" name="percentage_x"></td>
        <td><input type="number" name="year_x"></td>
      </tr>
      <tr>
        <td>2</td>
        <td>Class XII</td>
        <td><input type="text" name="board_xii"></td>
        <td><input type="number" step="0.01" name="percentage_xii"></td>
        <td><input type="number" name="year_xii"></td>
      </tr>
      <tr>
        <td>3</td>
        <td>Graduation</td>
        <td><input type="text" name="board_grad"></td>
        <td><input type="number" step="0.01" name="percentage_grad"></td>
        <td><input type="number" name="year_grad"></td>
      </tr>
    </table>
  </td>
</tr>

```

```

        <tr>
            <td>4</td>
            <td>Masters</td>
            <td><input type="text" name="board_masters"></td>
            <td><input type="number" step="0.01" name="percentage_masters"></td>
            <td><input type="number" name="year_masters"></td>
        </tr>
    </table>
</td>
</tr>
<tr>
    <td><label>Courses Applied For:</label></td>
    <td>
        <input type="checkbox" name="course" value="BCA">BCA
        <input type="checkbox" name="course" value="B.Com">B.Com
        <input type="checkbox" name="course" value="B.Sc">B.Sc
        <input type="checkbox" name="course" value="B.A">B.A
        <input type="checkbox" name="course" value="B.Tech">B.Tech
    </td>
</tr>
</table>
<div class="buttons">
    <button type="button" onclick="window.location.href='success.html'"> Submit </button>
    <input type="reset" value="Reset">
    <button type="button" onclick="window.location.href='success.html'">Already Registered</button>
</div>
</form>
</div>
</body>
</html>

```

success.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Registration Successful</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #d4a373;
            margin: 0;
            padding: 0;
        }
        .success-container {
            text-align: center;

```

```

        margin-top: 20%;
        color: #40513b;
    }
    a {
        display: inline-block;
        margin-top: 20px;
        text-decoration: none;
        color: #6b705c;
        font-weight: bold;
        padding: 10px 20px;
        border: 2px solid #6b705c;
        border-radius: 5px;
        transition: background-color 0.3s, color 0.3s;
    }
    a:hover {
        background-color: #6b705c;
        color: white;
    }
</style>
</head>
<body>
    <div class="success-container">
        <h1>Registration Successful!</h1>
        <p>Thank you for registering. Your information has been recorded successfully.</p>
        <a href="index.html">Go Back to Home</a>
    </div>
</body>
</html>

```

index.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Home Page</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #d4a373;
            margin: 0;
            padding: 0;
        }
        header {
            background-color: #6b705c;
            color: white;
            padding: 10px 20px;

```

```
    text-align: center;
}
nav {
    background-color: #40513b;
    display: flex;
    justify-content: center;
    padding: 10px 0;
}
nav a {
    text-decoration: none;
    color: white;
    padding: 10px 20px;
    margin: 0 10px;
    border-radius: 5px;
    transition: background-color 0.3s;
}
nav a:hover {
    background-color: #d4a373;
    color: #40513b;
}
.content {
    text-align: center;
    margin: 50px auto;
    width: 80%;
}
h1 {
    color: #6b705c;
}
p {
    color: #333;
}
.buttons {
    margin-top: 20px;
}
.buttons a {
    text-decoration: none;
    color: white;
    padding: 10px 20px;
    background-color: #6b705c;
    border-radius: 5px;
    transition: background-color 0.3s, color 0.3s;
}
.buttons a:hover {
    background-color: #40513b;
}
</style>
</head>
<body>
```



```
<header>
  <h1>Welcome to Our Website</h1>
</header>
<nav>
  <a href="index.html">Home</a>
  <a href="registration.html">Register</a>
  <a href="success.html">Success Page</a>
</nav>
<div class="content">
  <h1>Welcome!</h1>
  <p>Thank you for visiting our website. Use the navigation menu to explore different sections.</p>
  <div class="buttons">
    <a href="registration.html">Go to Registration Form</a>
  </div>
</div>
</body>
</html>
```

<Paste cropped output>

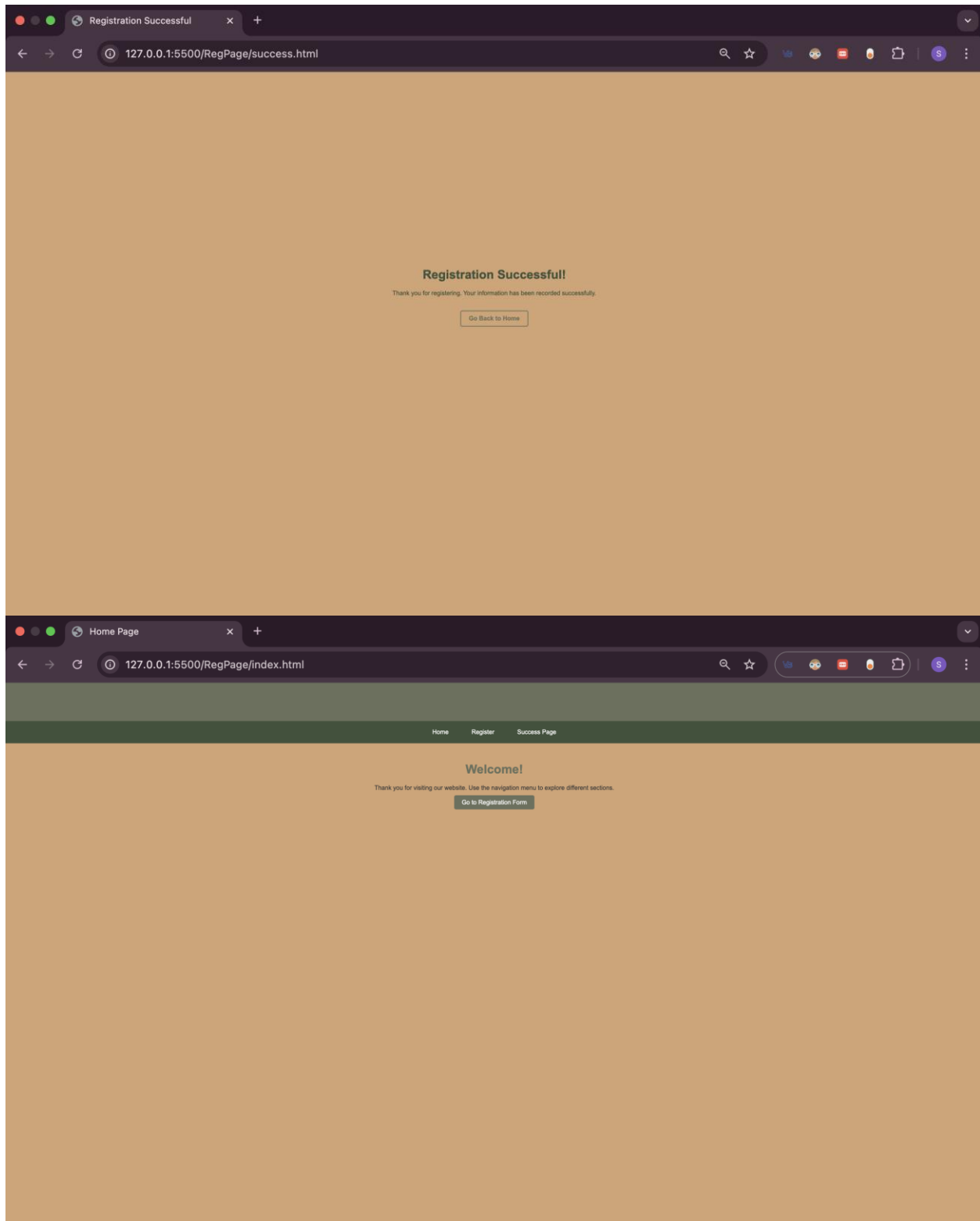
The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5500/RegPage/registration.html'. The page title is 'Registration Page'. The main content is a registration form titled 'Registration Form'.

The form fields include:

- First Name:
- Last Name:
- Date of Birth:
- Email ID:
- Mobile Number:
- Gender: ☐ Male ☐ Female
- Address:
- City:
- Pin Code:
- State:
- Country:
- Hobbies: ☐ Drawing ☐ Singing ☐ Dancing ☐ Sketching ☐ Others
- Qualification:

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"/>
- Courses Applied For: ☐ BCA ☐ B.Com ☐ B.Sc ☐ B.A ☐ B.Tech

Buttons:



<Paste output screenshot with timestamp>

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5500/RegPage/registration.html'. The page title is 'Registration Page'. The main content is a registration form with the following fields and options:

- First Name:
- Last Name:
- Date of Birth:
- Email ID:
- Mobile Number:
- Gender: ☐ Male ☐ Female
- Address:
- City:
- Pin Code:
- State:
- Country:
- Hobbies: ☐ Drawing ☐ Singing ☐ Dancing ☐ Sketching ☐ Others
- Qualification:

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"/>
- Courses Applied For: ☐ BCA ☐ B.Com ☐ B.Sc ☐ B.A ☐ B.Tech

At the bottom of the form are three buttons: 'Submit', 'Reset', and 'Already Registered'.

Result:

Thus a registration web page was created using basic html form and table tags. The output was verified.