

BATCH – AIML-B1 (FS3)

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Responsive Registration Form</title>
  <link rel="stylesheet" href="styles.css">
  <style>
    body {
      font-family: Arial, sans-serif;
      display: flex;
      justify-content: center;
      align-items: center;
      height: 100vh;
      background-color: #f8f9fa;
      margin: 0;
    }
    .container {
      background: #fff;
      padding: 20px;
      border-radius: 8px;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
      width: 90%;
      max-width: 500px;
    }
    h2 {
      text-align: center;
    }
    label {
      font-weight: bold;
      display: block;
      margin-top: 10px;
    }
    input, select {
      width: 100%;
      padding: 8px;
      margin-top: 5px;
      border: 1px solid #ccc;
      border-radius: 5px;
    }
    .gender-options {
      display: flex;
      justify-content: space-around;
      margin-top: 5px;
    }
    .gender-options input {
      width: auto;
    }
  </style>
</head>
<body>
  <div class="container">
    <h2 class="text-center">Registration Form</h2>
    <div class="form">
      <div class="form-group">
        <label>Name</label>
        <input type="text">
      </div>
      <div class="form-group">
        <label>Email</label>
        <input type="email">
      </div>
      <div class="form-group">
        <label>Password</label>
        <input type="password">
      </div>
      <div class="form-group">
        <label>Confirm Password</label>
        <input type="password">
      </div>
      <div class="form-group">
        <label>Gender</label>
        <div class="gender-options">
          <input type="radio" value="male"/> Male
          <input type="radio" value="female"/> Female
        </div>
      </div>
      <div class="form-group">
        <input type="checkbox" value="agree"/> I agree with the Terms and Conditions
      </div>
      <div class="form-group">
        <input type="button" value="Register" />
      </div>
    </div>
  </div>
</body>
</html>
```



```

        <option value="India">India</option>
    </select>

    <label for="profilePic">Profile Picture:</label>
    <input type="file" id="profilePic" name="profilePic" accept="image/*"
required>

    <button type="submit">Register</button>
</form>
</div>

<script>
    document.getElementById('registrationForm').addEventListener('submit',
function(event) {
    var password = document.getElementById('password').value;
    var confirmPassword = document.getElementById('confirmPassword').value;
    if (password !== confirmPassword) {
        alert('Passwords do not match.');
```

```

        event.preventDefault();
    }
});
</script>
</body>
</html>

```

OUTPUT

The screenshot displays a web browser window with the address bar showing '127.0.0.1:5500/FS/FSLAB/ass2.htm'. The main content area features a 'Responsive Registration Form' with the following fields and options:

- First Name:** Text input field containing 'Sameer'.
- Last Name:** Text input field containing 'khatwani'.
- Email Address:** Text input field containing 'sameerkhatwani10@gmail.com'.
- Password:** Password input field with masked characters '*****'.
- Confirm Password:** Password input field with masked characters '*****'.
- Date of Birth:** Date input field showing '02/08/2004' with a calendar icon.
- Gender:** Radio button group with options 'Male' (selected), 'Female', and 'Other'.
- Country:** Dropdown menu showing 'India'.
- Profile Picture:** File upload field showing 'Choose File' and the filename 'Picsart_25-01-06_22-40-36-658.jpg'.
- Register:** A prominent green button at the bottom of the form.

Responsive Registration Form

Design Choices

This registration form was designed with a clean and minimalistic layout to enhance user experience. The design choices include:

- **Center-aligned container:** Ensures better readability and focus.
- **White background with shadow:** Provides contrast against the light gray page background.
- **Consistent spacing and padding:** Enhances readability and aesthetics.
- **Fully responsive layout:** The form adapts to different screen sizes, making it accessible on mobile, tablet, and desktop devices.
- **Simple and intuitive UI:** Clearly labeled input fields and an easy-to-understand structure.

Challenges Faced

1. **Responsive Design Implementation:** Ensuring the form adapts well to different screen sizes while maintaining usability.
2. **Validation Handling:** Managing form validation, especially password confirmation.
3. **Styling Radio Buttons:** Achieving a user-friendly layout for gender selection.

Additional Features Implemented

- **Client-side validation:** Implemented using HTML5 attributes like required, email, minlength, etc.
- **JavaScript password confirmation check:** Ensures both password fields match before submission.
- **File input for profile picture:** Allows users to upload an image file.

List of Tags Used

- `<form>`: Defines the registration form.
- `<input>`: Used for text, email, password, date, radio, and file inputs.
- `<select>`: Used for the country dropdown menu.
- `<button>`: Used for the submit button.
- `<label>`: Provides clear labeling for each input field.
- `<script>`: Includes client-side validation logic.
- `<style>`: Contains CSS for styling the form.

This form is designed for ease of use, ensuring a seamless registration experience for users across various devices.