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#form for signup code
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Signup Form</title>
</head>
<style>
.error-message {
  color: red;
  font-size: 14px;
  margin-top: 5px;
}
input{
  padding: 5px;
  border-radius: 6px;
}
</style>
</head>
<body style="display:flex; flex-direction: column; justify-content: center; align-items: center;">
  <form id="signupForm">
    <label for="firstName">First Name:</label>
    <input type="text" id="firstName" name="firstName" required minlength="4"
pattern="[A-Za-z]+">

    <label for="lastName">Last Name:</label>
    <input type="text" id="lastName" name="lastName" required minlength="1"
pattern="[A-Za-z]+">

    <label for="email">Email:</label>
    <input type="email" id="email" name="email" required>

    <label for="dob">Date of Birth:</label>
    <input type="date" id="dob" name="dob" required>

    <label for="age">Age:</label>
    <input type="number" id="age" name="age" required min="10" max="99">

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

    <label for="phone">Phone Number:</label>
    <input type="tel" id="phone" name="phone" required pattern="\d{10}">
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<label for="address">Address:</label>
<textarea id="address" name="address" required></textarea>
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<button type="submit">Signup</button>
</form>
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<script>
document.getElementById("signupForm").addEventListener("submit", function(event) {
    const firstName = document.getElementById("firstName").value;
    const lastName = document.getElementById("lastName").value;
    const email = document.getElementById("email").value;
    const dob = document.getElementById("dob").value;
    const age = document.getElementById("age").value;
    const phone = document.getElementById("phone").value;
    const address = document.getElementById("address").value;

    const namePattern = /^[A-Za-z]+$/;
    const emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;

    if (!namePattern.test(firstName) || firstName.length < 4) {
        alert("First Name should contain only alphabets and be at least 4 characters long.");
        event.preventDefault();
    }
    if (!namePattern.test(lastName) || lastName.length < 1) {
        alert("Last Name should contain only alphabets and be at least 1 character long.");
        event.preventDefault();
    }
    if (!emailPattern.test(email)) {
        alert("Please enter a valid email address.");
        event.preventDefault();
    }
    if (!dob) {
        alert("Please enter your date of birth.");
        event.preventDefault();
    }
    if (age < 10 || age > 99) {
        alert("Age should be a 2-digit number.");
        event.preventDefault();
    }
    if (!/^\d{10}$/.test(phone)) {
        alert("Phone Number should be exactly 10 digits.");
        event.preventDefault();
    }
}
```

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    if (address.trim() === "") {  
        alert("Address cannot be empty.");  
        event.preventDefault();  
    }  
});  
  
</script>  
</body>  
</html>
```