VALIDATION FORM

INPUT:

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Form Validation</title>
  <!-- Bootstrap CSS -->
  <link
    href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
    rel="stylesheet"
  />
  <style>
    body {
      background-color: #a07aa2;
    }
    .form-container {
      max-width: 600px;
      margin: 50px auto;
      background: #eec2de;
      padding: 30px;
      border-radius: 10px;
      box-shadow: 0 4px 8px rgba(0,0,0,0.1);
    }
  </style>
</head>
<body>

  <div class="form-container">
    <h2 class="text-center mb-4">Validation Form</h2>
    <form id="userForm" novalidate>
      <div class="mb-3">
        <label for="name" class="form-label">Name*</label>
        <input type="text" class="form-control" id="name" required />
      </div>
      <div class="mb-3">
        <label for="phone" class="form-label">Phone Number*</label>
        <input type="tel" class="form-control" id="phone" required />
      </div>
      <div class="mb-3">
        <label for="age" class="form-label">Age*</label>
        <input type="number" class="form-control" id="age" required min="1" />
```

```html
        </div>
        <div class="mb-3">
          <label for="email" class="form-label">Email*</label>
          <input type="email" class="form-control" id="email" required />
        </div>
        <div class="mb-3">
          <label for="salary" class="form-label">Salary*</label>
          <input type="number" class="form-control" id="salary" required />
        </div>
        <div class="mb-3">
          <label for="pincode" class="form-label">Pin Code*</label>
          <input type="text" class="form-control" id="pincode" required />
        </div>
        <div class="mb-3">
          <label for="password" class="form-label">Password*</label>
          <input type="password" class="form-control" id="password" required />
        </div>
        <div class="mb-3">
          <label for="confirmPassword" class="form-label">Confirm
Password*</label>
          <input type="password" class="form-control" id="confirmPassword"
required />
        </div>
        <button type="submit" class="btn btn-dark w-100">Submit</button>
      </form>
    </div>

    <!-- Bootstrap JS -->
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min
.js"></script>

    <!-- Custom JavaScript -->
    <script>
      document.getElementById("userForm").addEventListener("submit", function
(e) {
        e.preventDefault();

        // Get form values
        const name = document.getElementById("name").value.trim();
        const phone = document.getElementById("phone").value.trim();
        const age = parseInt(document.getElementById("age").value.trim());
        const email = document.getElementById("email").value.trim();
        const salary =
parseFloat(document.getElementById("salary").value.trim());
        const pincode = document.getElementById("pincode").value.trim();
        const password = document.getElementById("password").value;
```
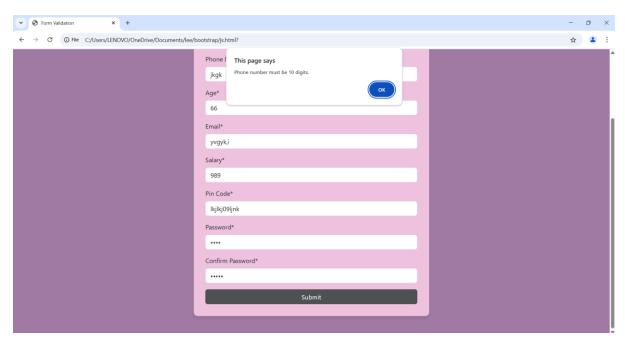
```javascript
      const confirmPassword =
document.getElementById("confirmPassword").value;

      // Patterns
      const phonePattern = /^[0-9]{10}$/;
      const pinPattern = /^[0-9]{6}$/;
      const emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
      const passwordPattern = /^(?=.*[a-zA-Z])(?=.*\d)[A-Za-z\d]{6,}$/;

      if (!name || name.length < 2) {
        alert("Please enter a valid name (at least 2 characters).");
        return;
      }

      if (!phonePattern.test(phone)) {
        alert("Phone number must be 10 digits.");
        return;
      }

      if (isNaN(age) || age < 1 || age > 120) {
        alert("Enter a valid age (1-120).");
        return;
      }

      if (!emailPattern.test(email)) {
        alert("Enter a valid email address.");
        return;
      }

      if (isNaN(salary) || salary < 0) {
        alert("Enter a valid salary amount.");
        return;
      }

      if (!pinPattern.test(pincode)) {
        alert("Pin code must be 6 digits.");
        return;
      }

      if (!passwordPattern.test(password)) {
        alert("Password must be at least 6 characters and alphanumeric.");
        return;
      }

      if (password !== confirmPassword) {
        alert("Passwords do not match.");
        return;
      }
```
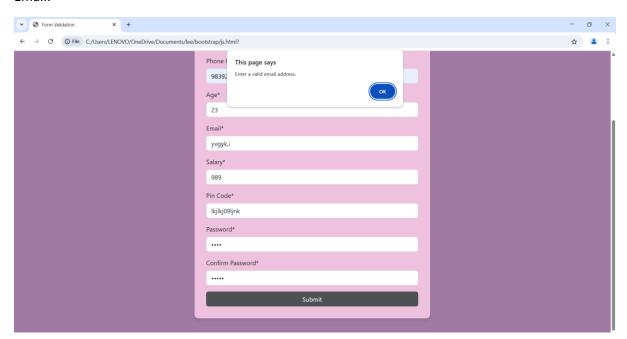
```
      // Success
      alert("Form submitted successfully!");
      this.reset();
    });
  </script>
</body>
</html>
```
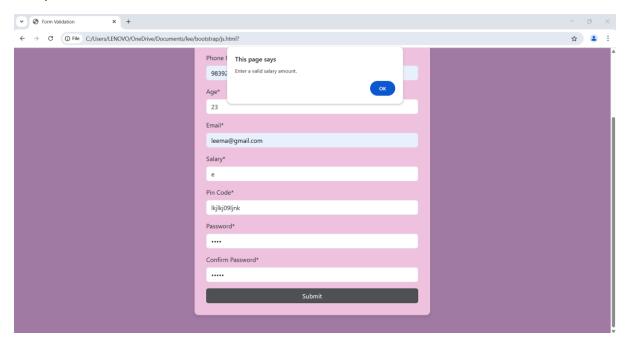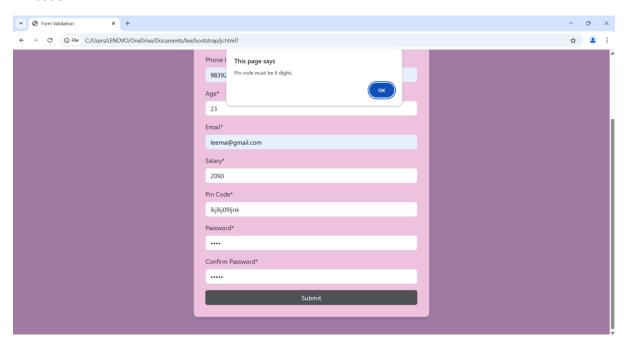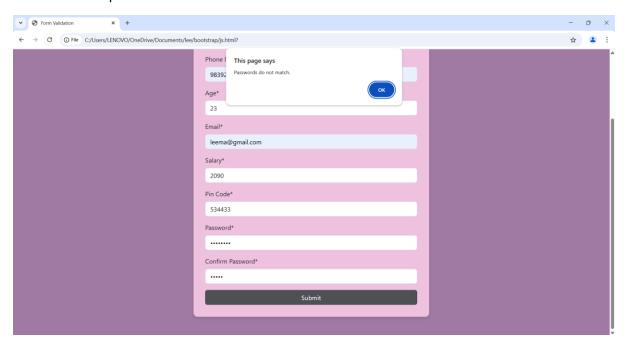
OUTPUT:

Phone number:

Email:

Salary:

Pin code :

Password :

Match conform password:

VALIDATION FORM

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