

Experiment 2

AIM: To validate the fields of registration page using JavaScript

```
<!DOCTYPE html>

<html>

<head>

  <title>Online Bookstore</title>

  <link rel="stylesheet" type="text/css" href="styles.css">

  <script>

    function validateForm() {

      var firstName = document.forms["regForm"]["fullname"].value;
      var email = document.forms["regForm"]["email"].value;
      var password = document.forms["regForm"]["password"].value;
      var phone = document.forms["regForm"]["phone"].value;
      var lastName = document.forms["regForm"]["lastname"].value;
      var address = document.forms["regForm"]["address"].value;
      var emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
      var phonePattern = /^[0-9]{10}$/;

      if (!/^[A-Za-z]{6,}$/.test(firstName)) {
        alert("First Name must contain only alphabets and be at least 6 characters long.");
        return false;
      }

      if (!emailPattern.test(email)) {
        alert("Invalid Email format. Must be in the form name@domain.com");
        return false;
      }

      if (password.length < 6) {
        alert("Password must be at least 6 characters long.");
        return false;
      }

      if (!phonePattern.test(phone)) {
```

```
        alert("Phone number must be exactly 10 digits.");
        return false;
    }
    if (lastName.trim() === "" || address.trim() === "") {
        alert("Last Name and Address cannot be empty.");
        return false;
    }
    return true;
}
</script>
</head>
<body>
    <header>
        <h1>Welcome to the Online Bookstore</h1>
    </header>
    <nav>
        <ul>
            <li><a href="#home">Home</a></li>
            <li><a href="#login">Login</a></li>
            <li><a href="#catalogue">Catalogue</a></li>
            <li><a href="#register">Register</a></li>
        </ul>
    </nav>

    <section id="home">
        <h2>Home</h2>
        <p>Welcome to the best online bookstore. Explore our collection now!</p>
    </section>

    <section id="login">
        <h2>Login</h2>
        <form>
            <label>Username:</label>
```

```
<input type="text" name="username"><br><br>
<label>Password:</label>
<input type="password" name="password"><br><br>
<input type="submit" value="Login">
</form>
</section>
```

```
<section id="catalogue">
  <h2>Book Catalogue</h2>
  <table>
    <tr>
      <th>Book Title</th>
      <th>Author</th>
      <th>Price</th>
    </tr>
    <tr>
      <td>The Great Gatsby</td>
      <td>F. Scott Fitzgerald</td>
      <td>$10</td>
    </tr>
    <tr>
      <td>1984</td>
      <td>George Orwell</td>
      <td>$12</td>
    </tr>
    <tr>
      <td>To Kill a Mockingbird</td>
      <td>Harper Lee</td>
      <td>$15</td>
    </tr>
  </table>
</section>
```

```

<section id="register">
  <h2>Register</h2>
  <form name="regForm" onsubmit="return validateForm()">
    <label>First Name:</label>
    <input type="text" name="fullname"><br><br>
    <label>Last Name:</label>
    <input type="text" name="lastname"><br><br>
    <label>Email:</label>
    <input type="email" name="email"><br><br>
    <label>Password:</label>
    <input type="password" name="password"><br><br>
    <label>Mobile Number:</label>
    <input type="text" name="phone"><br><br>
    <label>Address:</label>
    <input type="text" name="address"><br><br>
    <input type="submit" value="Register">
  </form>
</section>

<footer>
  <p>&copy; 2025 Online Bookstore. All rights reserved.</p>
</footer>
</body>
</html>

```

```

body {
  font-family: Arial, sans-serif;
  background-color: #f4f4f4;
  text-align: center;
  margin: 0;

```

```
padding: 0;
}
header {
    background: #333;
    color: white;
    padding: 10px;
}
nav ul {
    list-style: none;
    padding: 0;
}
nav ul li {
    display: inline;
    margin: 10px;
}
nav ul li a {
    text-decoration: none;
    color: #333;
    font-weight: bold;
}
section {
    padding: 20px;
    background: white;
    margin: 20px;
    border-radius: 8px;
}
table {
    width: 60%;
    margin: auto;
    border-collapse: collapse;
}
th, td {
    border: 1px solid black;
```

```
padding: 10px;
text-align: center;
}
th {
background-color: #ddd;
}
footer {
background: #333;
color: white;
padding: 10px;
position: relative;
bottom: 0;
width: 100%;
}
```



