

Experiment 9

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Index.html :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Student Information Form</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
    <div class="container">
        <h1>Student Information Form</h1>
        <form id="studentForm" autocomplete="off" novalidate>
            <div class="form-group">
                <label for="name">Full Name:</label>
                <input type="text" id="name" placeholder="e.g., Soham Phadnis">
                <span class="error" id="nameError"></span>
            </div>
            <div class="form-group">
                <label for="address">Address:</label>
                <input type="text" id="address" placeholder="e.g., 123 University Road">
                <span class="error" id="addressError"></span>
            </div>
            <div class="form-group">
                <label for="city">City:</label>
                <input type="text" id="city" placeholder="e.g., Pune">
                <span class="error" id="cityError"></span>
            </div>
            <div class="form-group">
                <label for="state">State:</label>
```

```
<select id="state">
    <option value="">-- Select State --</option>
    <option value="Andhra Pradesh">Andhra Pradesh</option>
    <option value="Arunachal Pradesh">Arunachal Pradesh</option>
    <option value="Assam">Assam</option>
    <option value="Bihar">Bihar</option>
    <option value="Chhattisgarh">Chhattisgarh</option>
    <option value="Goa">Goa</option>
    <option value="Gujarat">Gujarat</option>
    <option value="Haryana">Haryana</option>
    <option value="Himachal Pradesh">Himachal Pradesh</option>
    <option value="Jharkhand">Jharkhand</option>
    <option value="Karnataka">Karnataka</option>
    <option value="Kerala">Kerala</option>
    <option value="Madhya Pradesh">Madhya Pradesh</option>
    <option value="Maharashtra">Maharashtra</option>
    <option value="Manipur">Manipur</option>
    <option value="Meghalaya">Meghalaya</option>
</select>
<span class="error" id="stateError"></span>
</div>
<div class="form-group">
    <label for="gender">Gender:</label>
    <select id="gender">
        <option value="">-- Select Gender --</option>
        <option value="Male">Male</option>
        <option value="Female">Female</option>
        <option value="Other">Other</option>
    </select>
    <span class="error" id="genderError"></span>
</div>
<div class="form-group">
    <label for="mobile">Mobile Number:</label>
    <input type="tel" id="mobile" placeholder="e.g., 9876543210">
```

```
<span class="error" id="mobileError"></span>
</div>
<div class="form-group">
  <label for="email">Email ID:</label>
  <input type="email" id="email" placeholder="e.g., soham@example.com">
  <span class="error" id="emailError"></span>
</div>
<button type="submit" class="btn">Submit</button>
</form>
<div id="result"></div>
</div>
<script src="script.js"></script>
</body>
</html>
```

Styles.css :

```
body {
  font-family: Arial, sans-serif;
  background: #f4f4f9;
  display: flex;
  justify-content: center;
  align-items: flex-start;
  padding: 50px 20px;
}
```

```
.container {
  width: 100%;
  max-width: 500px;
  background: #fff;
  padding: 30px;
  border-radius: 12px;
  box-shadow: 0 6px 20px rgba(0,0,0,0.1);
}
```

```
h1 {  
    text-align: center;  
    margin-bottom: 30px;  
    color: #333;  
}
```

```
.form-group {  
    margin-bottom: 20px;  
    display: flex;  
    flex-direction: column;  
}
```

```
label {  
    margin-bottom: 5px;  
    font-weight: bold;  
}
```

```
input, select {  
    padding: 10px;  
    font-size: 1rem;  
    border: 1px solid #ccc;  
    border-radius: 6px;  
    outline: none;  
    transition: border-color 0.3s, box-shadow 0.3s;  
}
```

```
input:focus, select:focus {  
    border-color: #0077b6;  
    box-shadow: 0 0 5px #0077b6;  
}
```

```
.btn {  
    width: 100%;  
    padding: 12px;
```

script.js :

```
document.getElementById('studentForm').addEventListener('submit', function(e) {
    e.preventDefault();

    const clearErrors = () => {
        const errorSpans = document.querySelectorAll('.error');
        errorSpans.forEach(span => span.textContent = '');
        document.getElementById('result').innerHTML = '';
    };

    clearErrors();

    const name = document.getElementById('name').value.trim();
    const address = document.getElementById('address').value.trim();
    const city = document.getElementById('city').value.trim();
    const state = document.getElementById('state').value.trim();
    const gender = document.getElementById('gender').value;
    const mobile = document.getElementById('mobile').value.trim();
    const email = document.getElementById('email').value.trim();

    let isValid = true;

    if (!name || !/^[A-Za-z\s]+$/ .test(name)) {
        document.getElementById('nameError').textContent = "Please enter a valid name.";
        isValid = false;
    }

    if (!address) {
        document.getElementById('addressError').textContent = "Address cannot be empty.";
        isValid = false;
    }

    if (!city || !/^[A-Za-z\s]+$/ .test(city)) {
        document.getElementById('cityError').textContent = "Please enter a valid city.";
    }
})
```

```
isValid = false;
}

if (!state || !/^[A-Za-z\s]+$/ .test(state)) {
    document.getElementById('stateError').textContent = "Please enter a valid state.";
    isValid = false;
}

if (!gender) {
    document.getElementById('genderError').textContent = "Please select a gender.";
    isValid = false;
}

if (!mobile || !/^\d{10}$/.test(mobile)) {
    document.getElementById('mobileError').textContent = "Enter a valid 10-digit mobile number.";
    isValid = false;
}

if (!email || !/^\S+@\S+\.\S+$/.test(email)) {
    document.getElementById('emailError').textContent = "Please enter a valid email address.";
    isValid = false;
}

const resultDiv = document.getElementById('result');
if (!isValid) {
    resultDiv.innerHTML = "<div class='error'>Please correct the errors above.</div>";
} else {
    resultDiv.innerHTML = `
<div class='success'>
    <h2>Congratulations, ${name}!</h2>
    <p>Your information has been submitted successfully.</p>
</div>
`;
    document.getElementById('studentForm').reset();
}
```

```
    }  
});
```

Output :

Student Information Form

Full Name:

Varad Satish Nashikkar

Address:

Shree Nagar, Workshop Corner

City:

Nanded

State:

Maharashtra

Gender:

Male

Mobile Number:

91466*****

Email ID:

varad@gmail.com

Submit

Submit

Congratulations, Varad Satis Nashikkar!

Your information has been submitted successfully.