

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]+$/i.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]+$/i.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 || !/^[6-9]\d{9}$/.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 Satish
Nashikkar!**

Your information has been submitted successfully.