Q11: Online Resume – Contact Page

Problem Statement:

Create a contact form for a digital resume.

Requirements:

Add form fields: Name, Email, Message.

Validate form using JavaScript to ensure all fields are filled.

Apply box shadows and scaling transitions on focus.

Show a confirmation message (e.g., using alert() or innerText()) on successful validation.

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Contact</title>
    <link rel="stylesheet" href="style.css">
</head>

<body>
    <h1>Contact Me</h1>

    <form id="contactForm">
        <label for="name">Name</label>
        <input type="text" id="name" name="name" placeholder="Your Name">

        <label for="email">Email</label>
        <input type="email" id="email" name="email" placeholder="Your
Email">

        <label for="message">Message</label>
        <textarea id="message" name="message" placeholder="Your
Message"></textarea>

        <button type="submit">Submit</button>
    </form>

    <script src="script.js"></script>
</body>
```

```
</html>
```

```css
body {
    font-family: Arial, sans-serif;
    text-align: center;
    padding: 20px;
}

form {
    max-width: 600px;
    margin: 0 auto;
    padding: 20px;
    background-color: #f9f9f9;
    border-radius: 8px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

input,
textarea {
    width: 100%;
    padding: 10px;
    margin: 10px 0;
    border: 1px solid #ddd;
    border-radius: 5px;
    transition: box-shadow 0.3s ease, transform 0.3s ease;
}

input:focus,
textarea:focus {
    box-shadow: 0 0 8px rgba(0, 0, 255, 0.5);
    transform: scale(1.02);
}

button {
    background-color: #3498db;
    color: white;
    padding: 10px 20px;
    border: none;
    border-radius: 5px;
```

```css
    cursor: pointer;
}


button:hover {
    background-color: #2980b9;
}
```

```javascript
document
  .getElementById('contactForm')
  .addEventListener('submit', function (event) {
    event.preventDefault()

    const name = document.getElementById('name').value
    const email = document.getElementById('email').value
    const message = document.getElementById('message').value

    if (name && email && message) {
      alert('Form submitted successfully!')
    } else {
      alert('Please fill in all fields.')
    }
  })
```

Contact Me

Name

Your Name

Email

Your Email

Message

Your Message

Submit

Q12: Event Management – Upcoming Events Page

Problem Statement:

Design an events listing layout.

Requirements:

Display 3 upcoming events in a table or flex card layout.

Add a CSS3 transition on cards to change background on hover.

Include event images with rounded corners and opacity.

Make layout responsive using media queries.

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Upcoming Events</title>
    <link rel="stylesheet" href="style.css">
</head>

<body>
    <h1>Upcoming Events</h1>

    <div class="events">
        <div class="event-card">
            <img src="event1.jpg" alt="Event 1">
            <h3>Event 1</h3>
            <p>Details about Event 1.</p>
        </div>
        <div class="event-card">
            <img src="event2.jpg" alt="Event 2">
            <h3>Event 2</h3>
            <p>Details about Event 2.</p>
        </div>
        <div class="event-card">
            <img src="event3.jpg" alt="Event 3">
            <h3>Event 3</h3>
            <p>Details about Event 3.</p>
        </div>
    </div>

    <script src="script.js"></script>
```

```html
</body>

</html>
```

```css
body {
    font-family: Arial, sans-serif;
    text-align: center;
    padding: 20px;
}

.events {
    display: flex;
    justify-content: space-around;
    flex-wrap: wrap;
}

.event-card {
    width: 30%;
    margin: 10px;
    padding: 20px;
    border-radius: 8px;
    background-color: #f4f4f4;
    text-align: center;
    transition: background-color 0.3s ease;
}

.event-card:hover {
    background-color: #e0e0e0;
}

.event-card img {
    width: 100%;
    height: auto;
    border-radius: 10px;
    opacity: 0.8;
}

.event-card img:hover {
    opacity: 1;
}
```

Upcoming Events

Event 1

Details about Event 1.

Event 2

Details about Event 2.

Event 3

Details about Event 3.

Upcoming Events

Event 1

Details about Event 1.

Event 2

Details about Event 2.

Event 3

Details about Event 3.

Q13: Food Delivery – Order Form Page

Problem Statement:

Build a customer order form.

Requirements:

Include fields for Name, Address, Item Selection, Quantity.

Validate that no fields are empty using JavaScript.

Add CSS3 background (e.g., food-themed gradient).

Add icons to field labels using pseudo-elements.

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Order Form</title>
    <link rel="stylesheet" href="style.css">
</head>

<body>
    <h1>Place Your Order</h1>

    <form id="orderForm">
        <label for="name">Name</label>
        <input type="text" id="name" name="name" placeholder="Your Name">

        <label for="address">Address</label>
        <input type="text" id="address" name="address" placeholder="Your
Address">

        <label for="item">Item Selection</label>
        <select id="item" name="item">
            <option value="pizza">Pizza</option>
            <option value="burger">Burger</option>
            <option value="pasta">Pasta</option>
        </select>

        <label for="quantity">Quantity</label>
        <input type="number" id="quantity" name="quantity" min="1"
placeholder="Quantity">
```

```html
        <button type="submit">Submit Order</button>
    </form>

    <script src="script.js"></script>
</body>

</html>
```

```css
body {
    font-family: Arial, sans-serif;
    text-align: center;
    background: linear-gradient(45deg, #ff6f61, #ffcc00);
    padding: 20px;
}

form {
    background-color: #fff;
    padding: 20px;
    border-radius: 8px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    width: 300px;
    margin: auto;
}

input,
select {
    width: 100%;
    padding: 10px;
    margin: 10px 0;
    border: 1px solid #ddd;
    border-radius: 5px;
}

button {
    background-color: #3498db;
    color: white;
    padding: 10px 20px;
    border: none;
    border-radius: 5px;
```

```css
    cursor: pointer;
}

button:hover {
    background-color: #2980b9;
}

label {
    font-size: 1.1em;
}
```

```javascript
document
  .getElementById('orderForm')
  .addEventListener('submit', function (event) {
    event.preventDefault()

    const name = document.getElementById('name').value
    const address = document.getElementById('address').value
    const item = document.getElementById('item').value
    const quantity = document.getElementById('quantity').value

    if (name && address && item && quantity) {
      alert('Your order has been placed successfully!')
    } else {
      alert('Please fill in all fields.')
    }
  })
```

Place Your Order

Name

Your Name

Address

Your Address

Item Selection

Pizza

Quantity

Quantity

Submit Order

Q14: Photography Portfolio – Gallery Page
Problem Statement:
Create a responsive image gallery.
Requirements:
Use CSS flexbox or grid to display at least 6 images.
On hover, each image should scale and apply drop shadow.
Add captions using pseudo-elements.
Make layout adjust for mobile screens.

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Photography Portfolio</title>
    <link rel="stylesheet" href="style.css">
</head>

<body>
    <h1>My Photography Gallery</h1>

    <div class="gallery">
        <img src="photo.jpg" alt="Photo 1">
        <img src="photo.jpg" alt="Photo 2">
        <img src="photo.jpg" alt="Photo 3">
        <img src="photo.jpg" alt="Photo 4">
        <img src="photo.jpg" alt="Photo 5">
        <img src="photo.jpg" alt="Photo 6">
    </div>
</body>

</html>
```

```css
body {
    font-family: Arial, sans-serif;
    text-align: center;
}
.gallery {
    display: flex;
    flex-wrap: wrap;
```
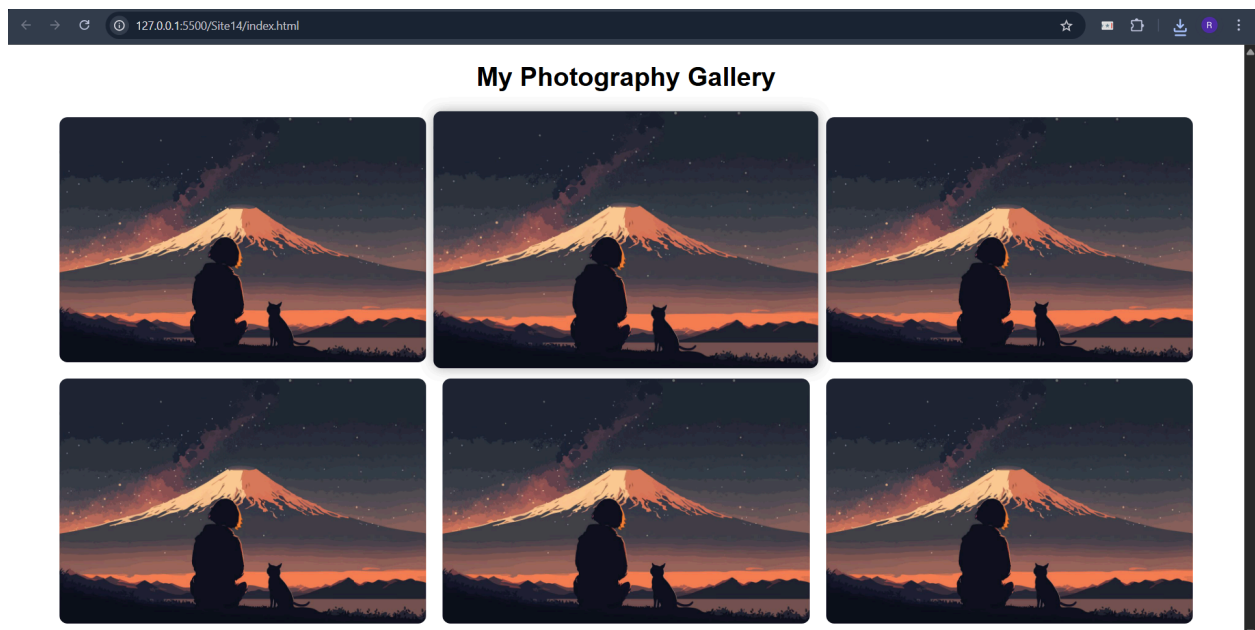
```css
    justify-content: center;
}
.gallery img {
    width: 30%;
    margin: 10px;
    border-radius: 10px;
    transition: transform 0.3s ease, box-shadow 0.3s ease;
}
.gallery img:hover {
    transform: scale(1.05);
    box-shadow: 0 0 15px rgba(0, 0, 0, 0.3);
}

@media (max-width: 768px) {
    .gallery img {
        width: 45%;
    }
}
@media (max-width: 480px) {
    .gallery img {
        width: 100%;
    }
}
```

Q15: Online Course – Enroll Page

Problem Statement:

Design a course enrollment form page.

Requirements:

Form fields: Full Name, Course Selection (dropdown), Email, Password.

Validate using JavaScript (required fields, valid email format).

Use transitions on the submit button hover.

Apply custom styling using IDs and classes

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Enroll in a Course</title>
    <link rel="stylesheet" href="style.css">
</head>

<body>
    <h1>Course Enrollment</h1>

    <form id="enrollForm">
        <label for="fullName">Full Name</label>
        <input type="text" id="fullName" name="fullName" placeholder="Your
Full Name">

        <label for="course">Course</label>
        <select id="course" name="course">
            <option value="webDev">Web Development</option>
            <option value="dataScience">Data Science</option>
            <option value="ai">Artificial Intelligence</option>
        </select>

        <label for="email">Email</label>
        <input type="email" id="email" name="email" placeholder="Your
Email">

        <label for="password">Password</label>
        <input type="password" id="password" name="password"
placeholder="Create a Password">
```

```html
        <button type="submit">Enroll</button>
    </form>

    <script src="script.js"></script>
</body>

</html>
```

```css
body {
    font-family: Arial, sans-serif;
    text-align: center;
    padding: 20px;
}

form {
    max-width: 400px;
    margin: 0 auto;
    padding: 20px;
    background-color: #f9f9f9;
    border-radius: 8px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

input,
select {
    width: 100%;
    padding: 10px;
    margin: 10px 0;
    border: 1px solid #ddd;
    border-radius: 5px;
}

button {
    background-color: #3498db;
    color: white;
    padding: 10px 20px;
    border: none;
    border-radius: 5px;
    cursor: pointer;
```

```css
}

button:hover {
    background-color: #2980b9;
}
```

```javascript
document
  .getElementById('enrollForm')
  .addEventListener('submit', function (event) {
    event.preventDefault()

    const fullName = document.getElementById('fullName').value
    const course = document.getElementById('course').value
    const email = document.getElementById('email').value
    const password = document.getElementById('password').value

    if (fullName && course && email && password) {
      alert('You have successfully enrolled in the course!')
    } else {
      alert('Please fill in all fields.')
    }
  })
```