## **ASSIGNMENT 1**

## **HTML TAGS:**

```
Code:
```

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>SkyWings - Book Your Flight</title>
  <style>
    :root {
      --primary-color: #0066cc;
      --secondary-color: #ff9900;
      --light-color: #f8f9fa;
      --dark-color: #343a40;
      --success-color: #28a745;
    }
    * {
      box-sizing: border-box;
      margin: 0;
      padding: 0;
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    }
    body {
```

```
line-height: 1.6;
  color: var(--dark-color);
  background-color: #f5f5f5;
}
header {
  background-color: var(--primary-color);
  color: white;
  padding: 1rem;
  text-align: center;
  position: relative;
}
.logo {
  font-size: 2rem;
  font-weight: bold;
  margin-bottom: 0.5rem;
}
.tagline {
  font-style: italic;
}
nav {
  background-color: var(--dark-color);
  padding: 0.5rem;
```

```
}
nav ul {
  display: flex;
  justify-content: center;
  list-style: none;
}
nav li {
  margin: 0 1rem;
}
nav a {
  color: white;
  text-decoration: none;
  padding: 0.5rem;
  transition: color 0.3s;
}
nav a:hover {
  color: var(--secondary-color);
}
.hero {
  position: relative;
  height: 400px;
```

```
overflow: hidden;
}
.hero video {
  width: 100%;
  height: 100%;
  object-fit: cover;
}
.hero-content {
  position: absolute;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  display: flex;
  flex-direction: column;
  justify-content: center;
  align-items: center;
  background-color: rgba(0, 0, 0, 0.5);
  color: white;
  padding: 2rem;
  text-align: center;
}
.container {
```

```
max-width: 1200px;
  margin: 2rem auto;
  padding: 0 1rem;
}
.booking-form {
  background-color: white;
  border-radius: 8px;
  box-shadow: 0 0 20px rgba(0, 0, 0, 0.1);
  padding: 2rem;
  margin-bottom: 2rem;
}
.form-title {
  color: var(--primary-color);
  margin-bottom: 1.5rem;
  text-align: center;
}
fieldset {
  border: 1px solid #ddd;
  border-radius: 5px;
  padding: 1rem;
  margin-bottom: 1.5rem;
}
```

```
legend {
  color: var(--primary-color);
  padding: 0 0.5rem;
  font-weight: bold;
}
.form-group {
  margin-bottom: 1rem;
}
.form-row {
  display: flex;
  flex-wrap: wrap;
  margin: 0 -0.5rem;
}
.form-col {
  flex: 1;
  padding: 0 0.5rem;
  min-width: 250px;
}
label {
  display: block;
  margin-bottom: 0.5rem;
  font-weight: 600;
```

```
}
input, select, textarea {
  width: 100%;
  padding: 0.75rem;
  border: 1px solid #ddd;
  border-radius: 4px;
  font-size: 1rem;
}
input:focus, select:focus, textarea:focus {
  outline: none;
  border-color: var(--primary-color);
  box-shadow: 0 0 5px rgba(0, 102, 204, 0.5);
}
input[type="checkbox"], input[type="radio"] {
  width: auto;
  margin-right: 0.5rem;
}
.checkbox-group, .radio-group {
  display: flex;
  align-items: center;
  margin-bottom: 0.5rem;
}
```

```
.btn {
  display: inline-block;
  background-color: var(--primary-color);
  color: white;
  padding: 0.75rem 1.5rem;
  border: none;
  border-radius: 4px;
  cursor: pointer;
  font-size: 1rem;
  transition: background-color 0.3s;
}
.btn:hover {
  background-color: #0052a3;
}
.btn-block {
  display: block;
  width: 100%;
}
.btn-secondary {
  background-color: var(--secondary-color);
}
```

```
.btn-secondary:hover {
  background-color: #e68a00;
}
/* Updated Flight Cards Section */
.flight-options {
  display: grid;
  grid-template-columns: repeat(auto-fill, minmax(300px, 1fr));
  gap: 1.5rem;
  margin-top: 2rem;
}
.flight-card {
  background-color: white;
  border-radius: 8px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  padding: 1.5rem;
  transition: transform 0.3s;
  display: flex;
  flex-direction: column;
}
.flight-card:hover {
  transform: translateY(-5px);
}
```

```
.flight-header {
  display: flex;
  justify-content: space-between;
  margin-bottom: 1rem;
  border-bottom: 1px solid #eee;
  padding-bottom: 1rem;
}
.flight-header h3 {
  font-size: 1.1rem;
  margin-right: 1rem;
  line-height: 1.3;
}
.flight-price {
  color: var(--primary-color);
  font-size: 1.5rem;
  font-weight: bold;
  white-space: nowrap;
}
.flight-details {
  margin-bottom: 1.5rem;
  flex-grow: 1;
}
```

```
.flight-time {
  display: flex;
  justify-content: space-between;
  margin-bottom: 0.5rem;
  font-size: 0.9rem;
}
.flight-airline {
  font-style: italic;
  color: #666;
  font-size: 0.9rem;
  margin-bottom: 0.5rem;
}
.flight-stops {
  color: var(--secondary-color);
  font-weight: bold;
  font-size: 0.9rem;
}
.btn-secondary {
  align-self: flex-start;
  margin-top: auto;
  padding: 0.5rem 1rem;
  font-size: 0.9rem;
}
```

```
.audio-section {
  background-color: white;
  border-radius: 8px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  padding: 1.5rem;
  margin-top: 2rem;
  text-align: center;
}
.audio-title {
  color: var(--primary-color);
  margin-bottom: 1rem;
}
footer {
  background-color: var(--dark-color);
  color: white;
  text-align: center;
  padding: 2rem;
  margin-top: 2rem;
}
@media (max-width: 768px) {
  nav ul {
    flex-direction: column;
```

```
align-items: center;
  }
  nav li {
    margin: 0.5rem 0;
  }
  .hero {
    height: 300px;
  }
  .form-col {
    flex: 100%;
    margin-bottom: 1rem;
  }
  .flight-options {
    grid-template-columns: 1fr;
  }
/* Validation styles */
input:invalid, select:invalid {
  border-color: #dc3545;
```

}

}

```
input:valid, select:valid {
      border-color: #28a745;
    }
    .error-message {
      color: #dc3545;
      font-size: 0.875rem;
      margin-top: 0.25rem;
      display: none;
    }
    input:invalid + .error-message {
      display: block;
    }
 </style>
</head>
<body>
  <header>
    <div class="logo">SkyWings</div>
    <div class="tagline">Your Journey Begins Here</div>
 </header>
  <nav>
    ul>
      <a href="#">Home</a>
      <a href="#">Flights</a>
```

```
<a href="#">Destinations</a>
   <a href="#">Deals</a>
   <a href="#">Contact</a>
  </nav>
<section class="hero">
  <video autoplay muted loop>
   <source src="video.mp4" type="video/mp4">
   Your browser does not support the video tag.
  </video>
  <div class="hero-content">
   <h1>Explore the World with SkyWings</h1>
   Find the best flight deals to destinations around the globe
  </div>
</section>
<div class="container">
 <form class="booking-form" id="flightForm" novalidate>
   <h2 class="form-title">Search Flights</h2>
   <fieldset>
     <legend>Trip Information</legend>
      <div class="form-row">
        <div class="form-col">
          <div class="form-group">
```

```
<label for="tripType">Trip Type</label>
    <select id="tripType" name="tripType" required>
     <option value="">Select trip type</option>
     <option value="one-way">One Way</option>
     <option value="round-trip">Round Trip</option>
     <option value="multi-city">Multi-City</option>
    </select>
    <div class="error-message">Please select a trip type</div>
 </div>
</div>
<div class="form-col">
 <div class="form-group">
    <label for="passengers">Passengers</label>
    <select id="passengers" name="passengers" required>
     <option value="1">1 Adult
     <option value="2">2 Adults
     <option value="3">3 Adults
     <option value="4">4 Adults
     <optgroup label="Family">
       <option value="2a1c">2 Adults + 1 Child
       <option value="2a2c">2 Adults + 2 Children
     </optgroup>
    </select>
 </div>
</div>
<div class="form-col">
```

```
<label for="cabinClass">Cabin Class</label>
              <select id="cabinClass" name="cabinClass" required>
                 <option value="economy">Economy</option>
                 <option value="premium">Premium Economy</option>
                 <option value="business">Business
                 <option value="first">First Class</option>
               </select>
            </div>
          </div>
        </div>
      </fieldset>
      <fieldset>
        <legend>Flight Details</legend>
        <div class="form-row">
          <div class="form-col">
            <div class="form-group">
               <label for="departure">From</label>
               <input type="text" id="departure" name="departure"
placeholder="City or Airport" required>
              <div class="error-message">Please enter departure city</div>
            </div>
          </div>
          <div class="form-col">
            <div class="form-group">
               <label for="arrival">To</label>
```

<div class="form-group">

```
<input type="text" id="arrival" name="arrival"
placeholder="City or Airport" required>
               <div class="error-message">Please enter arrival city</div>
             </div>
           </div>
        </div>
        <div class="form-row">
           <div class="form-col">
             <div class="form-group">
               <label for="departDate">Departure Date</label>
               <input type="date" id="departDate" name="departDate"
required min="">
               <div class="error-message">Please select a valid departure
date</div>
             </div>
           </div>
           <div class="form-col">
             <div class="form-group">
               <label for="returnDate">Return Date</label>
               <input type="date" id="returnDate" name="returnDate"
disabled>
             </div>
           </div>
        </div>
      </fieldset>
```

```
<fieldset>
        <legend>Additional Options</legend>
        <div class="form-group">
          <label>Preferences</label>
          <div class="checkbox-group">
             <input type="checkbox" id="directFlights" name="directFlights">
             <label for="directFlights">Direct flights only</label>
          </div>
          <div class="checkbox-group">
             <input type="checkbox" id="flexibleDates"
name="flexibleDates">
             <label for="flexibleDates">My dates are flexible (±3 days)</label>
          </div>
        </div>
        <div class="form-group">
          <label>Special Assistance</label>
          <div class="radio-group">
             <input type="radio" id="assistanceNone" name="assistance"
value="none" checked>
             <label for="assistanceNone">None</label>
          </div>
          <div class="radio-group">
            <input type="radio" id="assistanceWheelchair"
name="assistance" value="wheelchair">
             <label for="assistanceWheelchair">Wheelchair assistance</label>
          </div>
```

```
<div class="radio-group">
            <input type="radio" id="assistanceVisual" name="assistance"
value="visual">
            <label for="assistanceVisual">Visual impairment
assistance</label>
          </div>
        </div>
      </fieldset>
      <fieldset>
        <legend>Traveler Information</legend>
        <div class="form-row">
          <div class="form-col">
            <div class="form-group">
               <label for="email">Email Address</label>
               <input type="email" id="email" name="email"
placeholder="your@email.com" required>
               <div class="error-message">Please enter a valid email
address</div>
            </div>
          </div>
          <div class="form-col">
            <div class="form-group">
               <label for="phone">Phone Number</label>
               <input type="tel" id="phone" name="phone" placeholder="+1
(123) 456-7890" required>
               <div class="error-message">Please enter a valid phone
number</div>
```

```
</div>
           </div>
        </div>
        <div class="form-group">
           <label for="specialRequests">Special Requests</label>
           <textarea id="specialRequests" name="specialRequests" rows="3"
placeholder="Any special requests or notes..."></textarea>
        </div>
        <div class="form-group">
           <div class="checkbox-group">
             <input type="checkbox" id="newsletter" name="newsletter"</pre>
checked>
             <label for="newsletter">Subscribe to our newsletter for deals and
promotions</label>
           </div>
        </div>
      </fieldset>
      <div class="form-group">
        <button type="submit" class="btn btn-block">Search Flights</button>
      </div>
    </form>
    <section class="flight-options">
      <h2 class="form-title">Popular Flight Deals</h2>
```

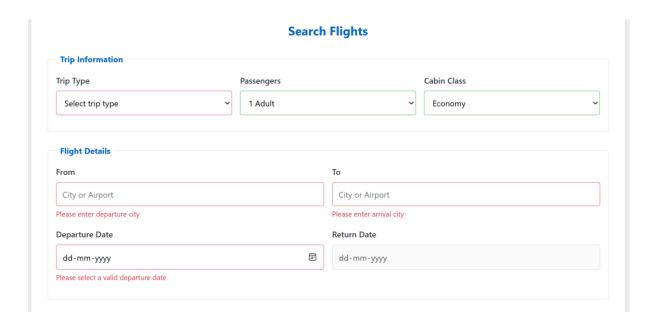
```
<div class="flight-card">
  <div class="flight-header">
    <h3>New York (JFK) \rightarrow London (LHR)</h3>
    <div class="flight-price">$599</div>
  </div>
  <div class="flight-details">
    <div class="flight-time">
      <span>Depart: 8:00 AM</span>
      <span>Arrive: 8:00 PM</span>
    </div>
    <div class="flight-airline">Delta Airlines • Boeing 767</div>
    <div class="flight-stops">Non-stop</div>
  </div>
  <button class="btn btn-secondary">Select</button>
</div>
<div class="flight-card">
  <div class="flight-header">
    <h3>Los Angeles (LAX) → Tokyo (HND)</h3>
    <div class="flight-price">$899</div>
  </div>
  <div class="flight-details">
    <div class="flight-time">
      <span>Depart: 10:30 AM</span>
      <span>Arrive: 3:30 PM (+1)</span>
```

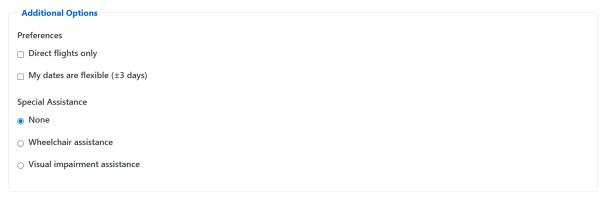
```
</div>
      <div class="flight-airline">American Airlines • Boeing 787</div>
      <div class="flight-stops">1 stop (Dallas)</div>
    </div>
    <button class="btn btn-secondary">Select</button>
  </div>
 <div class="flight-card">
    <div class="flight-header">
      <h3>Chicago (ORD) → Paris (CDG)</h3>
      <div class="flight-price">$749</div>
    </div>
    <div class="flight-details">
      <div class="flight-time">
        <span>Depart: 6:45 PM</span>
        <span>Arrive: 9:30 AM (+1)</span>
      </div>
      <div class="flight-airline">Air France • Airbus A350</div>
      <div class="flight-stops">Non-stop</div>
    </div>
    <button class="btn btn-secondary">Select</button>
 </div>
</section>
<section class="audio-section">
 <h2 class="audio-title">Travel Tips Podcast</h2>
```

```
Listen to our latest travel tips for a smooth journey
    <audio controls>
      <source src="audio.wav" type="audio/mpeg">
      Your browser does not support the audio element.
    </audio>
  </section>
</div>
<footer>
  © 2023 SkyWings Airlines. All rights reserved.
  Contact: info@skywings.com | +1 (800) 555-FLY
</footer>
<script>
  // Set minimum date for departure to today
  document.addEventListener('DOMContentLoaded', function() {
    const today = new Date().toISOString().split('T')[0];
    document.getElementById('departDate').min = today;
    // Enable/disable return date based on trip type
    const tripType = document.getElementById('tripType');
    const returnDate = document.getElementById('returnDate');
    tripType.addEventListener('change', function() {
      if (this.value === 'round-trip') {
        returnDate.disabled = false;
```

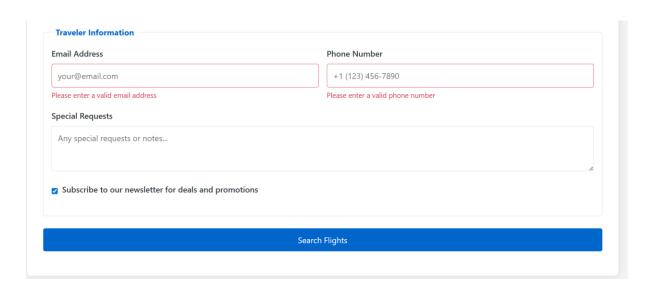
```
returnDate.required = true;
         } else {
           returnDate.disabled = true;
           returnDate.required = false;
           returnDate.value = ";
         }
      });
      // Form validation
      const form = document.getElementById('flightForm');
      form.addEventListener('submit', function(e) {
         if (!form.checkValidity()) {
           e.preventDefault();
           e.stopPropagation();
         }
         form.classList.add('was-validated');
      });
    });
  </script>
</body>
</html>
Output:
20250719-1900-34.3
  987858.mp4
```

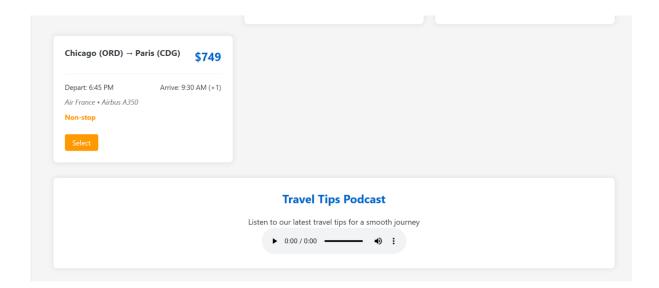












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