## **ASSIGNMENT 1:**

## **Html tags:**

```
Code:
```

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-</pre>
scale=1.0">
  <title>SkyWings - Premium Flight Booking</title>
  <style>
    :root {
       --primary: #0056b3;
       --primary-light: #007bff;
       --secondary: #ff7d00;
       --dark: #2c3e50;
       --light: #f8f9fa;
       --gray: #6c757d;
       --success: #28a745;
       --danger: #dc3545;
       --border-radius: 8px;
       --box-shadow: 0 5px 15px rgba(0, 0, 0, 0.1);
    }
     * {
       box-sizing: border-box;
```

```
margin: 0;
       padding: 0;
       font-family: 'Segoe UI', 'Roboto', 'Helvetica Neue', sans-serif;
    }
     body {
       line-height: 1.6;
       color: var(--dark);
       background-color: #f5f7fa;
    }
    /* Header Styles */
     header {
       background: linear-gradient(135deg, var(--primary), var(--
primary-light));
       color: white;
       padding: 1.5rem;
       text-align: center;
       box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
    }
     .logo {
       font-size: 2.2rem;
       font-weight: 700;
       margin-bottom: 0.5rem;
       letter-spacing: 1px;
    }
```

```
.tagline {
  font-size: 1.1rem;
  opacity: 0.9;
}
/* Navigation */
nav {
  background-color: var(--dark);
  padding: 0.8rem;
}
nav ul {
  display: flex;
  justify-content: center;
  list-style: none;
  flex-wrap: wrap;
}
nav li {
  margin: 0 1.2rem;
}
nav a {
  color: white;
  text-decoration: none;
```

```
font-weight: 500;
  padding: 0.5rem 0;
  position: relative;
  transition: all 0.3s ease;
}
nav a:after {
  content: ";
  position: absolute;
  width: 0;
  height: 2px;
  background: var(--secondary);
  bottom: 0;
  left: 0;
  transition: width 0.3s ease;
}
nav a:hover {
  color: var(--secondary);
}
nav a:hover:after {
  width: 100%;
}
/* Hero Section */
```

```
.hero {
       position: relative;
       height: 450px;
       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: linear-gradient(to right, rgba(0, 86, 179, 0.8),
rgba(0, 123, 255, 0.7));
       color: white;
       text-align: center;
       padding: 2rem;
```

```
}
.hero h1 {
  font-size: 2.5rem;
  margin-bottom: 1rem;
  text-shadow: 1px 1px 3px rgba(0, 0, 0, 0.3);
}
.hero p {
  font-size: 1.2rem;
  max-width: 700px;
  margin-bottom: 2rem;
}
/* Main Container */
.container {
  max-width: 1200px;
  margin: 2.5rem auto;
  padding: 0 1.5rem;
}
/* Booking Form */
.booking-form {
  background-color: white;
  border-radius: var(--border-radius);
  box-shadow: var(--box-shadow);
```

```
padding: 2.5rem;
  margin-bottom: 3rem;
}
.form-title {
  color: var(--primary);
  margin-bottom: 2rem;
  text-align: center;
  font-size: 1.8rem;
  position: relative;
  padding-bottom: 0.5rem;
}
.form-title:after {
  content: ";
  position: absolute;
  width: 80px;
  height: 3px;
  background: var(--secondary);
  bottom: 0;
  left: 50%;
  transform: translateX(-50%);
}
fieldset {
  border: 1px solid #e9ecef;
```

```
border-radius: var(--border-radius);
  padding: 1.5rem;
  margin-bottom: 2rem;
}
legend {
  color: var(--primary);
  padding: 0 1rem;
  font-weight: 600;
  font-size: 1.1rem;
  width: auto;
}
.form-group {
  margin-bottom: 1.5rem;
}
.form-row {
  display: flex;
  flex-wrap: wrap;
  margin: 0 -0.75rem;
}
.form-col {
  flex: 1;
  padding: 0 0.75rem;
```

```
min-width: 250px;
}
label {
  display: block;
  margin-bottom: 0.5rem;
  font-weight: 600;
  color: var(--dark);
}
.input-wrapper {
  position: relative;
}
input, select, textarea {
  width: 100%;
  padding: 0.85rem 1rem;
  border: 1px solid #ced4da;
  border-radius: var(--border-radius);
  font-size: 1rem;
  transition: all 0.3s ease;
}
input:focus, select:focus, textarea:focus {
  outline: none;
  border-color: var(--primary-light);
```

```
box-shadow: 0 0 0 0.2rem rgba(0, 123, 255, 0.25);
}
input[type="checkbox"], input[type="radio"] {
  width: auto;
  margin-right: 0.75rem;
}
.checkbox-group, .radio-group {
  display: flex;
  align-items: center;
  margin-bottom: 0.75rem;
}
.radio-group label, .checkbox-group label {
  margin-bottom: 0;
  font-weight: 500;
}
/* Buttons */
.btn {
  display: inline-block;
  background-color: var(--primary);
  color: white;
  padding: 0.85rem 1.75rem;
  border: none;
```

```
border-radius: var(--border-radius);
  cursor: pointer;
  font-size: 1rem;
  font-weight: 500;
  transition: all 0.3s ease;
  text-align: center;
}
.btn:hover {
  background-color: #004494;
  transform: translateY(-2px);
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
}
.btn:active {
  transform: translateY(0);
}
.btn-block {
  display: block;
  width: 100%;
}
.btn-secondary {
  background-color: var(--secondary);
}
```

```
.btn-secondary:hover {
  background-color: #e67300;
}
/* Flight Cards Section */
.section-title {
  text-align: center;
  margin-bottom: 2.5rem;
  position: relative;
}
.section-title h2 {
  font-size: 1.8rem;
  color: var(--primary);
  display: inline-block;
  padding-bottom: 0.5rem;
}
.section-title h2:after {
  content: ";
  position: absolute;
  width: 80px;
  height: 3px;
  background: var(--secondary);
  bottom: 0;
```

```
left: 50%;
  transform: translateX(-50%);
}
.flight-options {
  display: grid;
  grid-template-columns: repeat(auto-fill, minmax(320px, 1fr));
  gap: 2rem;
  margin: 3rem 0;
}
.flight-card {
  background-color: white;
  border-radius: var(--border-radius);
  box-shadow: var(--box-shadow);
  overflow: hidden;
  transition: all 0.3s ease;
  display: flex;
  flex-direction: column;
}
.flight-card:hover {
  transform: translateY(-10px);
  box-shadow: 0 10px 25px rgba(0, 0, 0, 0.15);
}
```

```
.flight-header {
       background: linear-gradient(135deg, var(--primary), var(--
primary-light));
       color: white;
       padding: 1.5rem;
       position: relative;
    }
     .flight-header h3 {
       font-size: 1.2rem;
       margin-bottom: 0.5rem;
       line-height: 1.4;
    }
     .route {
       font-size: 0.9rem;
       opacity: 0.9;
       display: flex;
       align-items: center;
    }
    .route span {
       margin: 0 0.5rem;
    }
     .flight-price {
       position: absolute;
```

```
top: 1.5rem;
  right: 1.5rem;
  font-size: 1.8rem;
  font-weight: 700;
}
.flight-details {
  padding: 1.5rem;
  flex-grow: 1;
}
.flight-time {
  display: flex;
  justify-content: space-between;
  margin-bottom: 1.5rem;
}
.time-group {
  text-align: center;
}
.time-label {
  font-size: 0.8rem;
  color: var(--gray);
  text-transform: uppercase;
  margin-bottom: 0.3rem;
```

```
}
.time-value {
  font-size: 1.1rem;
  font-weight: 600;
}
.flight-info {
  margin-bottom: 1.5rem;
}
.airline {
  display: flex;
  align-items: center;
  margin-bottom: 0.5rem;
}
.airline-logo {
  width: 24px;
  height: 24px;
  margin-right: 0.75rem;
  background-color: #eee;
  border-radius: 50%;
  display: flex;
  align-items: center;
  justify-content: center;
```

```
font-size: 0.7rem;
  font-weight: bold;
  color: var(--primary);
}
.airline-name {
  font-weight: 500;
}
.aircraft {
  font-size: 0.9rem;
  color: var(--gray);
  margin-left: 1.7rem;
}
.flight-stops {
  display: inline-block;
  padding: 0.3rem 0.8rem;
  background-color: rgba(255, 125, 0, 0.1);
  color: var(--secondary);
  border-radius: 20px;
  font-size: 0.85rem;
  font-weight: 600;
}
.flight-footer {
```

```
padding: 0 1.5rem 1.5rem;
  text-align: center;
}
/* Audio Section */
.audio-section {
  background-color: white;
  border-radius: var(--border-radius);
  box-shadow: var(--box-shadow);
  padding: 2rem;
  margin: 3rem 0;
  text-align: center;
}
.audio-title {
  color: var(--primary);
  margin-bottom: 1.5rem;
  font-size: 1.5rem;
}
.audio-desc {
  color: var(--gray);
  margin-bottom: 1.5rem;
  max-width: 600px;
  margin-left: auto;
  margin-right: auto;
```

```
}
audio {
  width: 100%;
  max-width: 500px;
  margin: 0 auto;
}
/* Footer */
footer {
  background-color: var(--dark);
  color: white;
  padding: 3rem 1.5rem;
  margin-top: 3rem;
}
.footer-content {
  max-width: 1200px;
  margin: 0 auto;
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(200px, 1fr));
  gap: 2rem;
}
.footer-column h3 {
  font-size: 1.2rem;
```

```
margin-bottom: 1.5rem;
  position: relative;
  padding-bottom: 0.5rem;
}
.footer-column h3:after {
  content: ";
  position: absolute;
  width: 40px;
  height: 2px;
  background: var(--secondary);
  bottom: 0;
  left: 0;
}
.footer-column ul {
  list-style: none;
}
.footer-column li {
  margin-bottom: 0.75rem;
}
.footer-column a {
  color: #adb5bd;
  text-decoration: none;
```

```
transition: color 0.3s ease;
}
.footer-column a:hover {
  color: var(--secondary);
}
.copyright {
  text-align: center;
  margin-top: 2rem;
  padding-top: 1.5rem;
  border-top: 1px solid rgba(255, 255, 255, 0.1);
  color: #adb5bd;
  font-size: 0.9rem;
}
/* Responsive Design */
@media (max-width: 992px) {
  .hero {
     height: 400px;
  }
  .hero h1 {
     font-size: 2.2rem;
}
```

```
@media (max-width: 768px) {
  nav ul {
    flex-direction: column;
    align-items: center;
  }
  nav li {
    margin: 0.5rem 0;
  }
  .hero {
    height: 350px;
  }
  .hero h1 {
    font-size: 2rem;
  .hero p {
    font-size: 1rem;
  }
  .form-col {
    flex: 100%;
     margin-bottom: 1rem;
```

```
}
  .booking-form {
     padding: 1.5rem;
  }
}
@media (max-width: 576px) {
  .hero {
     height: 300px;
  }
  .logo {
     font-size: 1.8rem;
  }
  .flight-options {
     grid-template-columns: 1fr;
  }
  .flight-price {
     position: static;
     margin-top: 0.5rem;
  }
}
```

```
/* Validation styles */
input:invalid, select:invalid {
  border-color: var(--danger);
}
input:valid, select:valid {
  border-color: var(--success);
}
.error-message {
  color: var(--danger);
  font-size: 0.85rem;
  margin-top: 0.25rem;
  display: none;
}
input:invalid + .error-message,
select:invalid + .error-message {
  display: block;
}
/* Animation */
@keyframes fadeIn {
  from { opacity: 0; transform: translateY(20px); }
  to { opacity: 1; transform: translateY(0); }
}
```

```
.flight-card {
      animation: fadeln 0.5s ease forwards;
    }
    .flight-card:nth-child(1) { animation-delay: 0.1s; }
    .flight-card:nth-child(2) { animation-delay: 0.2s; }
    .flight-card:nth-child(3) { animation-delay: 0.3s; }
  </style>
</head>
<body>
  <header>
    <div class="logo">SkyWings</div>
    <div class="tagline">Premium Air Travel Experiences</div>
  </header>
  <nav>
    ul>
      <a href="#">Home</a>
      <a href="#">Flights</a>
      <a href="#">Destinations</a>
      <a href="#">Deals</a>
      <a href="#">Business Class</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>Discover Your Next Adventure</h1>
       Book premium flights to over 200 destinations worldwide
with our award-winning service
    </div>
  </section>
  <div class="container">
    <form class="booking-form" id="flightForm" novalidate>
       <h2 class="form-title">Find Your Flight</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">
                                                                  <a href="label"><label</a> <a href="label"></a> <a href="label"><a href="labe
                                                                  <select id="passengers" name="passengers"</pre>
required>
                                                                           <option value="1">1 Adult</option>
                                                                           <option value="2">2 Adults</option>
                                                                           <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">
                                                        <div class="form-group">
                                                                  <a href="cabinClass">Cabin Class</a>
```

```
<select id="cabinClass" name="cabinClass"</pre>
required>
                   <option value="economy">Economy</option>
                   <option value="premium">Premium
Economy</option>
                   <option value="business">Business
Class/option>
                   <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"</pre>
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>
                 <input type="text" id="arrival" name="arrival"</pre>
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"</pre>
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"</pre>
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"</pre>
name="directFlights">
               <a href="label"><label</a> only</label>
            </div>
            <div class="checkbox-group">
               <input type="checkbox" id="flexibleDates"</pre>
name="flexibleDates">
               <a href="lexibleDates">My dates are flexible (±3)</a>
days)</label>
            </div>
          </div>
          <div class="form-group">
            <a href="mailto:</a></a>| <a href="mailto:</a> <a href="mailto:|abel">|abel</a></a>
            <div class="radio-group">
               <input type="radio" id="assistanceNone"</pre>
name="assistance" value="none" checked>
               <label for="assistanceNone">None</label>
            </div>
            <div class="radio-group">
               <input type="radio" id="assistanceWheelchair"</pre>
name="assistance" value="wheelchair">
```

```
<label for="assistanceWheelchair">Wheelchair
assistance</label>
            </div>
            <div class="radio-group">
              <input type="radio" id="assistanceVisual"</pre>
name="assistance" value="visual">
              <a href="label-for="assistanceVisual">Visual impairment</a>
assistance</label>
            </div>
         </div>
       </fieldset>
       <fieldset>
         <legend>Traveler Information</legend>
         <div class="form-row">
            <div class="form-col">
              <div class="form-group">
                 <a href="mail">Email Address</a>
                 <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>
```

```
placeholder="+1 (123) 456-7890" required>
                <div class="error-message">Please enter a valid
phone number</div>
              </div>
           </div>
         </div>
         <div class="form-group">
           <a href="label-squests">Special Requests</a>
           <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"</pre>
name="newsletter" checked>
              <label for="newsletter">Subscribe to our newsletter
for exclusive deals</label>
           </div>
         </div>
       </fieldset>
       <div class="form-group">
         <button type="submit" class="btn btn-block">Search
Flights</button>
       </div>
```

<input type="tel" id="phone" name="phone"

```
</form>
<div class="section-title">
  <h2>Popular Flight Deals</h2>
</div>
<section class="flight-options">
  <div class="flight-card">
    <div class="flight-header">
       <h3>New York to London</h3>
       <div class="route">
         <span>JFK</span>
         <span>→</span>
         <span>LHR</span>
       </div>
       <div class="flight-price">$599</div>
    </div>
    <div class="flight-details">
       <div class="flight-time">
         <div class="time-group">
            <div class="time-label">Departure</div>
            <div class="time-value">08:00 AM</div>
         </div>
         <div class="time-group">
            <div class="time-label">Arrival</div>
            <div class="time-value">08:00 PM</div>
```

```
</div>
            </div>
            <div class="flight-info">
              <div class="airline">
                 <div class="airline-logo">DL</div>
                 <div class="airline-name">Delta Airlines</div>
              </div>
              <div class="aircraft">Boeing 767-300ER</div>
              <div class="flight-stops">Non-stop</div>
            </div>
         </div>
         <div class="flight-footer">
            <button class="btn btn-secondary">Select
Flight</button>
         </div>
       </div>
       <div class="flight-card">
         <div class="flight-header">
            <h3>Los Angeles to Tokyo</h3>
            <div class="route">
              <span>LAX</span>
              <span>→</span>
              <span>HND</span>
            </div>
            <div class="flight-price">$899</div>
         </div>
```

```
<div class="flight-time">
              <div class="time-group">
                 <div class="time-label">Departure</div>
                 <div class="time-value">10:30 AM</div>
              </div>
              <div class="time-group">
                 <div class="time-label">Arrival</div>
                 <div class="time-value">03:30 PM (+1)</div>
              </div>
            </div>
            <div class="flight-info">
              <div class="airline">
                 <div class="airline-logo">AA</div>
                 <div class="airline-name">American Airlines</div>
              </div>
              <div class="aircraft">Boeing 787-9 Dreamliner</div>
              <div class="flight-stops">1 stop (Dallas)</div>
            </div>
         </div>
         <div class="flight-footer">
            <button class="btn btn-secondary">Select
Flight</button>
         </div>
       </div>
       <div class="flight-card">
```

<div class="flight-details">

```
<div class="flight-header">
  <h3>Chicago to Paris</h3>
  <div class="route">
    <span>ORD</span>
    <span>→</span>
    <span>CDG</span>
  </div>
  <div class="flight-price">$749</div>
</div>
<div class="flight-details">
  <div class="flight-time">
    <div class="time-group">
       <div class="time-label">Departure</div>
       <div class="time-value">06:45 PM</div>
    </div>
    <div class="time-group">
       <div class="time-label">Arrival</div>
       <div class="time-value">09:30 AM (+1)</div>
    </div>
  </div>
  <div class="flight-info">
    <div class="airline">
       <div class="airline-logo">AF</div>
       <div class="airline-name">Air France</div>
    </div>
    <div class="aircraft">Airbus A350-900</div>
```

```
<div class="flight-stops">Non-stop</div>
           </div>
         </div>
         <div class="flight-footer">
           <button class="btn btn-secondary">Select
Flight</button>
         </div>
      </div>
    </section>
    <section class="audio-section">
      <h2 class="audio-title">Travel Insider Podcast</h2>
      Listen to our latest episode with tips
for making your next flight more comfortable and enjoyable
      <audio controls>
         <source src="audio.wav" type="audio/mpeg">
         Your browser does not support the audio element.
      </audio>
    </section>
  </div>
  <footer>
    <div class="footer-content">
      <div class="footer-column">
         <h3>SkyWings</h3>
         <l
           <a href="#">About Us</a>
```

```
<a href="#">Careers</a>
   <a href="#">Press Center</a>
   <a href="#">Travel Agents</a>
 </div>
<div class="footer-column">
 <h3>Help</h3>
 <l
   <a href="#">FAQs</a>
   <a href="#">Baggage Policy</a>
   <a href="#">Flight Status</a>
   <a href="#">Contact Us</a>
 </div>
<div class="footer-column">
 <h3>Information</h3>
 <l
   <a href="#">Terms & Conditions</a>
   <a href="#">Privacy Policy</a>
   <a href="#">Cookie Policy</a>
   <a href="#">Accessibility</a>
 </div>
<div class="footer-column">
 <h3>Connect</h3>
 <l
```

```
<a href="#">Facebook</a>
         <a href="#">Twitter</a>
         <a href="#">Instagram</a>
         <a href="#">LinkedIn</a>
       </div>
  </div>
  <div class="copyright">
    © 2023 SkyWings Airlines. All rights reserved.
  </div>
</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;
```

```
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');
       });
       // Set minimum return date based on departure date
       const departDateInput =
document.getElementById('departDate');
       const returnDateInput =
document.getElementById('returnDate');
       departDateInput.addEventListener('change', function() {
         if (returnDateInput.disabled === false) {
            returnDateInput.min = this.value;
```

} else {

```
}

});

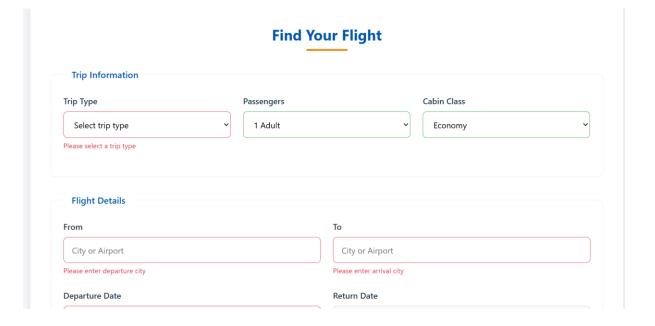
});

</script>

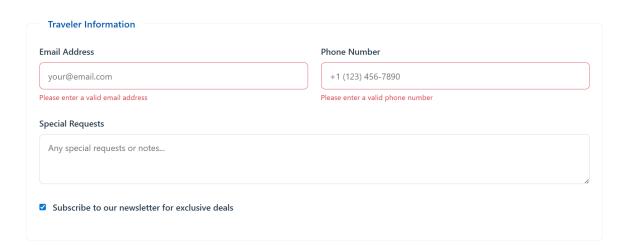
</body>

</html>
```

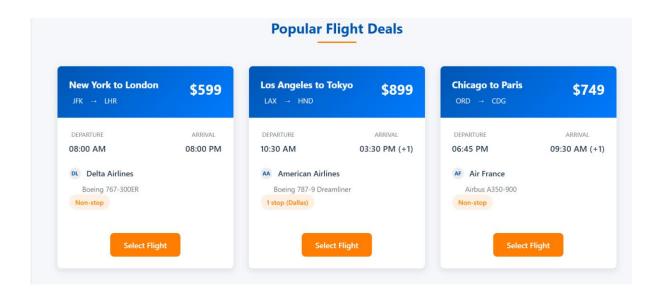




## Preferences Direct flights only My dates are flexible (±3 days) Special Assistance None Wheelchair assistance Visual impairment assistance



## **Search Flights**





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