

# 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>
```

```
<li><a href="#">Home</a></li>
```

```
<li><a href="#">Flights</a></li>
```

```
<li><a href="#">Destinations</a></li>
<li><a href="#">Deals</a></li>
<li><a href="#">Contact</a></li>
</ul>
</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>
    <p>Find the best flight deals to destinations around the globe</p>
  </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>
      <option value="2">2 Adults</option>
      <option value="3">3 Adults</option>
      <option value="4">4 Adults</option>
      <optgroup label="Family">
        <option value="2a1c">2 Adults + 1 Child</option>
        <option value="2a2c">2 Adults + 2 Children</option>
      </optgroup>
    </select>
  </div>
</div>
<div class="form-col">
```



```
<div class="form-group">
  <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>
    <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>
```

```
        <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>

<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 ( $\pm 3$  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>
</fieldset>
```

```
        <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>
</fieldset>
```

</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"  
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) → 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>
</div>
```

```
    </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>
```

```
<p>Listen to our latest travel tips for a smooth journey</p>
<audio controls>
  <source src="audio.wav" type="audio/mpeg">
  Your browser does not support the audio element.
</audio>
</section>
</div>

<footer>
  <p>&copy; 2023 SkyWings Airlines. All rights reserved.</p>
  <p>Contact: info@skywings.com | +1 (800) 555-FLY</p>
</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;
      }
    });
  });
</script>
```



```
        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



Search Flights

Trip Information

Trip Type

Select trip type

Passengers

1 Adult

Cabin Class

Economy

Flight Details

From

City or Airport

Please enter departure city

Departure Date

dd-mm-yyyy

Please select a valid departure date

To

City or Airport

Please enter arrival city

Return Date

dd-mm-yyyy

#### Additional Options

##### Preferences

- ☐ Direct flights only
- ☐ My dates are flexible ( $\pm 3$  days)

##### Special Assistance

- ☒ None
- ☐ Wheelchair assistance
- ☐ Visual impairment assistance

#### Traveler Information

##### Email Address

your@email.com

Please enter a valid email address

##### Phone Number

+1 (123) 456-7890

Please enter a valid phone number

#### Traveler Information

##### Email Address

your@email.com

Please enter a valid email address

##### Phone Number

+1 (123) 456-7890

Please enter a valid phone number

##### Special Requests

Any special requests or notes...

- ☒ Subscribe to our newsletter for deals and promotions

Search Flights

Chicago (ORD) → Paris (CDG) **\$749**

Depart: 6:45 PM

Arrive: 9:30 AM (+1)

Air France • Airbus A350

Non-stop

Select

#### Travel Tips Podcast

Listen to our latest travel tips for a smooth journey

▶ 0:00 / 0:00 ————— 🔊 ⋮

### Travel Tips Podcast

Listen to our latest travel tips for a smooth journey



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