Ex. No.:	Online Event Registration & Promotional Portal Using HTML5 (Form + Media Elements)
16.12.2025	

Theme: Justice World Tour

Aim
To design and develop an Online Event Registration & Promotional Portal using HTML5 that demonstrates the use of form elements and media elements such as images, audio, and video.

Description
The portal allows users to view details of an upcoming event through HTML5 media elements (image banner, promotional video, background audio).

Users can then register for the event using an HTML5 form with various input types (text, email, date, radio buttons, select menus, textarea, file upload).

This experiment demonstrates the integration of multimedia content and interactive form elements in a modern HTML5 webpage.

Procedure
1. Create a new HTML5 file (e.g., event.html).
2. Add the basic structure using <!DOCTYPE html> and <html>, <head>, <body> tags.
3. Insert an event banner image using the <img> tag.
4. Add a promotional video using the <video> tag with controls.
5. Insert background/intro audio using the <audio> tag.
6. Create an event registration form using:

    <input type="text">, <input type="email">, <input type="date">

    <input type="radio">, <select>, <textarea>

    <input type="file">, <input type="submit">
7. Test the webpage in a browser.
8. Validate the form and check media playback.
9. Save and document the results.

Code
```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <title>Online Event Registration Portal</title>
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```css
<style>
  body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
    line-height: 1.5;
    background-color: #f4f4f4;
  }

  header, main {
    max-width: 900px;
    margin: 0 auto;
    padding: 16px;
  }

  header {
    text-align: center;
    background-color: #222;
    color: #fff;
  }

  img {
    max-width: 100%;
    height: auto;
    display: block;
    margin: 16px auto;
  }

  .media-section, .form-section {
    background-color: #fff;
    padding: 16px;
    margin-top: 16px;
    border-radius: 8px;
  }

  video, audio {
    width: 100%;
    margin-top: 8px;
  }

  form {
    display: flex;
    flex-direction: column;
    gap: 12px;
  }

  .form-group {
    display: flex;
    flex-direction: column;
  }
```

```css
      label {
          font-weight: bold;
          margin-bottom: 4px;
      }

      input[type="text"],
      input[type="email"],
      input[type="date"],
      select,
      textarea {
          padding: 8px;
          border-radius: 4px;
          border: 1px solid #ccc;
          font-size: 14px;
      }

      textarea {
          resize: vertical;
      }

      .radio-group {
          display: flex;
          gap: 16px;
      }

      input[type="submit"] {
          background-color: #007bff;
          color: #fff;
          border: none;
          padding: 10px 16px;
          border-radius: 4px;
          font-size: 16px;
          cursor: pointer;
          align-self: flex-start;
      }

      input[type="submit"]:hover {
          background-color: #0056b3;
      }

      @media (max-width: 600px) {
          header, main {
              padding: 12px;
          }
      }
  </style>
</head>
<body>

<header>
  <h1>Tech Innovators Conference 2025</h1>
```

```html
<!-- TC02: Banner image with alt text -->
    <img src="banner.jpg" alt="Event Banner - Tech Innovators Conference 2025">
  </header>

  <main>
    <!-- Media Section: Image, Video, Audio -->
    <section class="media-section">
      <h2>Event Highlights</h2>

      <!-- TC03: Promotional video with controls -->
      <h3>Promotional Video</h3>
      <video controls>
        <source src="promo.mp4" type="video/mp4">
        Your browser does not support the video tag.
      </video>

      <!-- TC04: Background / Intro audio with controls -->
      <h3>Intro Audio</h3>
      <audio controls>
        <source src="intro.mp3" type="audio/mpeg">
        Your browser does not support the audio element.
      </audio>
    </section>

    <!-- Form Section -->
    <section class="form-section">
      <h2>Event Registration Form</h2>
      <!-- TC05–TC09 covered by this form -->
      <form action="#" method="post">
        <!-- Name: text input -->
        <div class="form-group">
          <label for="name">Full Name *</label>
          <input type="text" id="name" name="name" required>
        </div>

        <!-- Email: email input with validation -->
        <div class="form-group">
          <label for="email">Email Address *</label>
          <input type="email" id="email" name="email" required>
        </div>

        <!-- Date: event date or DOB -->
        <div class="form-group">
          <label for="eventDate">Preferred Event Date *</label>
          <input type="date" id="eventDate" name="eventDate" required>
        </div>

        <!-- Radio buttons: session selection -->
        <div class="form-group">
          <label>Session Preference *</label>
          <div class="radio-group">
            <label>
```

```html
          <input type="radio" name="session" value="morning" required>
          Morning
        </label>

         <label>
          <input type="radio" name="session" value="afternoon">
          Afternoon
        </label>
        <label>
          <input type="radio" name="session" value="evening">
          Evening
        </label>
      </div>
    </div>

    <!-- Dropdown: ticket type -->
    <div class="form-group">
      <label for="ticketType">Ticket Type *</label>
      <select id="ticketType" name="ticketType" required>
        <option value="">-- Select Ticket Type --</option>
        <option value="standard">Standard</option>
        <option value="premium">Premium</option>
        <option value="vip">VIP</option>
      </select>
    </div>

    <!-- Textarea: comments -->
    <div class="form-group">
      <label for="comments">Comments / Special Requirements</label>
      <textarea id="comments" name="comments" rows="4" placeholder="Enter any special requests
here..."></textarea>
    </div>

    <!-- File upload: ID proof / photo -->
    <div class="form-group">
      <label for="attachment">Upload ID Proof / Photo (image/PDF)</label>
      <input type="file" id="attachment" name="attachment" accept=".jpg,.jpeg,.png,.pdf">
    </div>

    <!-- Submit button -->
    <div class="form-group">
      <input type="submit" value="Register">
    </div>
  </form>
 </section>
</main>

</body>
</html>
```
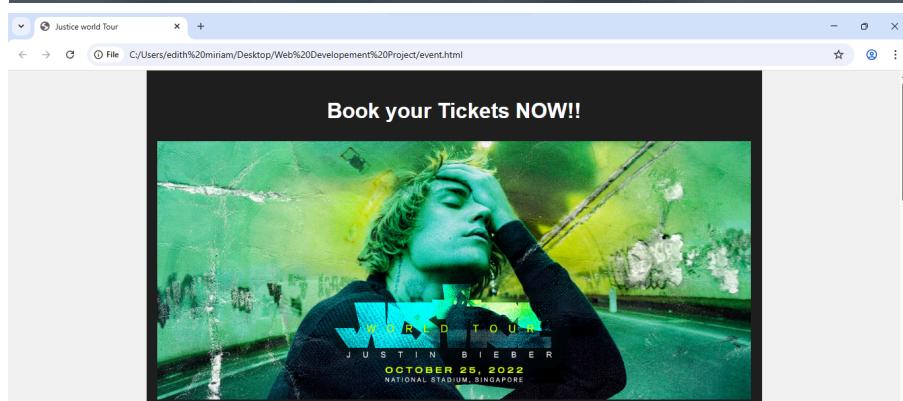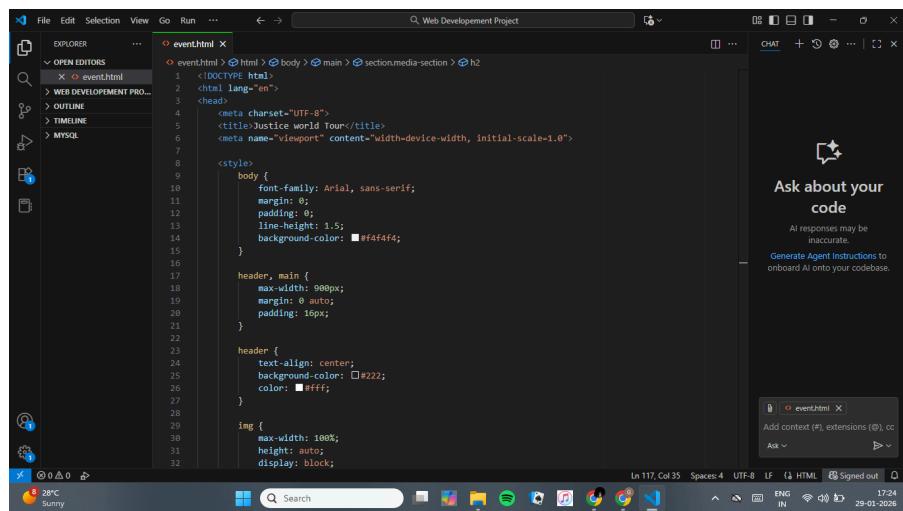
Input & Output

Result

The following experiment has been successfully completed and verified with output.