Q) Design a product review form for an online store. The form should allow customers to provide feedback on their recent purchases, including ratings, comments, and optional information such as their location and age group. Additionally, implement validation to ensure that the rating provided is within the acceptable range and that all required fields are filled out before submission.

Html: index

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Juice Can</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
    <div class="product">
        <img src="pngwing.com.png" alt="Juice Can">
        <h2>PEPSI</h2>
        <p class="description">Pepsi brings your ancestors back from the
dead..</p>
        <p class="price">THANK YOU FOR PURCHASING</p>
        <form action="review.html">
            <button type="submit">review</button>
        </form>
        <video autoplay muted loop id="bg-video">
            <source src="Pepsi.mp4" type="video/mp4">
            Your browser does not support HTML5 video.
        </video>

    </div>
</body>
</html>
```

```html
Review: <!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Product Review Form</title>
<link rel="stylesheet" href="review.css">
```

```html
</head>
<body>
<form id="productReviewForm">
  <fieldset>
    <legend>Product Information</legend>
    <label for="productId">Product ID:</label>
    <input type="text" id="productId" name="productId" required><br><br>
    <label for="purchaseDate">Date Purchased:</label>
    <input type="date" id="purchaseDate" name="purchaseDate" required><br><br>
  </fieldset>

  <fieldset>
    <legend>Customer Details</legend>
    <label for="name">Name:</label>
    <input type="text" id="name" name="name"><br><br>
    <label for="email">Email Address:</label>
    <input type="email" id="email" name="email"><br><br>
    <label for="ageGroup">Age Group:</label>
    <select id="ageGroup" name="ageGroup">
      <option value="">Select</option>
      <option value="under18">Under 18</option>
      <option value="18to30">18-30</option>
      <option value="30to45">30-45</option>
      <option value="over45">Over 45</option>
    </select><br><br>
  </fieldset>

  <fieldset>
    <legend>Product Rating</legend>
    <label for="rating">Rating:</label><br>
    <input type="radio" id="rating1" name="rating" value="1" required>
    <label for="rating1"> 🍶 </label><br>
    <input type="radio" id="rating2" name="rating" value="2">
    <label for="rating2"> 🍶 🍶 </label><br>
    <input type="radio" id="rating3" name="rating" value="3">
    <label for="rating3"> 🍶 🍶 🍶 </label><br>
    <input type="radio" id="rating4" name="rating" value="4">
    <label for="rating4"> 🍶 🍶 🍶 🍶 </label><br>
    <input type="radio" id="rating5" name="rating" value="5">
    <label for="rating5"> 🍶 🍶 🍶 🍶 🍶 </label><br><br>
</fieldset>


  <fieldset>
    <legend>Review Comments</legend>
```

```html
    <label for="comments">Comments:</label><br>
    <textarea id="comments" name="comments" rows="4" cols="50"
required></textarea><br><br>
  </fieldset>

  <fieldset>
    <legend>Optional Information</legend>
    <label for="location">Location:</label>
    <input type="text" id="location" name="location"><br><br>
  </fieldset>

  <button type="submit">Submit Review</button>
</form>
<script src="script.js"></script>
<video autoplay muted loop id="bg-video">
    <source src="Pepsi.mp4" type="video/mp4">
    Your browser does not support HTML5 video.
  </video>
</body>
</html>
```

Css:styles

```css
body {
    font-family: Arial, sans-serif;
    background-color: #f4f4f4;
    margin: 0;
    padding: 0;
}

.product {
    max-width: 300px;
    margin: 20px auto;
    padding: 20px;
    background-color: #ffffff80;
    border-radius: 5px;
    box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
    text-align: center;
    position: relative;
    overflow: hidden;
}
```

```css
.product::before {
    content: "";
    position: absolute;
    top: -10px;
    left: -10px;
    right: -10px;
    bottom: -10px;
    background-image: inherit;
    filter: blur(10px);
    z-index: -1;
}


.product img {
    max-width: 70%;
    height: auto;
    border-radius: 5px;
    margin-bottom: 10px;
}

.product h2 {
    font-size: 1.5em;
    margin-bottom: 10px;
}

.product .description {
    color: #000000;
    margin-bottom: 10px;
    font-style: italic;

}

.product .price {
    font-weight: bold;
    color: #007bff;
    margin-bottom: 10px;
}

.product button {
    background-color: #007bff;
    color: #fff;
    border: none;
    padding: 10px 20px;
    cursor: pointer;
    border-radius: 3px;
```

```css
}

.product button:hover {
    background-color: #0056b3;
}
#bg-video {
    position: fixed;
    right: 0;
    bottom: 0;
    min-width: 100%;
    min-height: 100%;
    width: auto;
    height: auto;
    z-index: -1;
    background-size: cover;
  }
  h2{
    color: red;


  }
```

```css
Review: body {
    font-family: Arial, sans-serif;
    background-color: #f4f4f4;
    margin: 0;
    padding: 0;
}

form {
    max-width: 600px;
    margin: 20px auto;
    padding: 20px;
    background-color: rgba(98, 109, 176, 0.8);
    border-radius: 5px;
    box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
}

fieldset {
    margin-bottom: 20px;
    padding: 10px;
    border: 1px solid #ddd;
    border-radius: 5px;
```

```css
}

legend {
    font-size: 1.2em;
    font-weight: bold;
    margin-bottom: 10px;
}

label {
    display: block;
    margin-bottom: 5px;
}

input[type="text"],
input[type="email"],
textarea {
    width: 100%;
    padding: 8px;
    border: 1px solid #ddd;
    border-radius: 3px;
    margin-bottom: 10px;
}

input[type="radio"] {
    margin-right: 5px;
}

input[type="submit"] {
    padding: 10px 20px;
    background-color: #007bff;
    color: #fff;
    border: none;
    border-radius: 3px;
    cursor: pointer;
}

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

.error {
    color: red;
    font-size: 0.8em;
    margin-top: 5px;
}
```

```css
#bg-video {
    position: fixed;
    right: 0;
    bottom: 0;
    min-width: 100%;
    min-height: 100%;
    width: auto;
    height: auto;
    z-index: -1;
    background-size: cover;
}

.overlay {
    position: fixed;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    background-color: rgba(255, 255, 255, 0.5);
    z-index: 1;
}
#bg-video {
    position: fixed;
    right: 0;
    bottom: 0;
    min-width: 100%;
    min-height: 100%;
    width: auto;
    height: auto;
    z-index: -1;
    background-size: cover;
 }
  #bg-video {
    position: fixed;
    right: 0;
    bottom: 0;
    min-width: 100%;
    min-height: 100%;
    width: auto;
    height: auto;
    z-index: -1;
    background-size: cover;
  }
```

```js
Js: function validateForm() {

    const rating = document.querySelector('input[name="rating"]:checked');
    const date = document.getElementById('purchase-date').value;
    const image = document.getElementById('image-upload').files[0];
    const requiredFields = ['product-id', 'purchase-date'];

    if (!rating) {
      alert('Please provide a rating for the product (1 to 5 stars).');
      return false;
    }


    const currentDate = new Date();
    const purchaseDate = new Date(date);
    const diffTime = Math.abs(currentDate - purchaseDate);
    const diffDays = Math.ceil(diffTime / (1000 * 60 * 60 * 24));
    if (diffDays > 14) {
      alert('The purchase date is more than 2 weeks ago. Please escalate if
needed.');
    }

    if (rating.value <= 1 && (!image || image.size > 1048576 || !['image/jpeg',
'image/png'].includes(image.type))) {
      alert('Please upload a valid image file (JPEG or PNG) within 1MB for
ratings of 1 star or lower.');
      return false;
    }

    for (const fieldId of requiredFields) {
      const fieldValue = document.getElementById(fieldId).value;
      if (!fieldValue) {
        alert(`Please fill out the ${fieldId.replace('-', ' ')} field.`);
        return false;
      }
    }

    return true;
  }
```
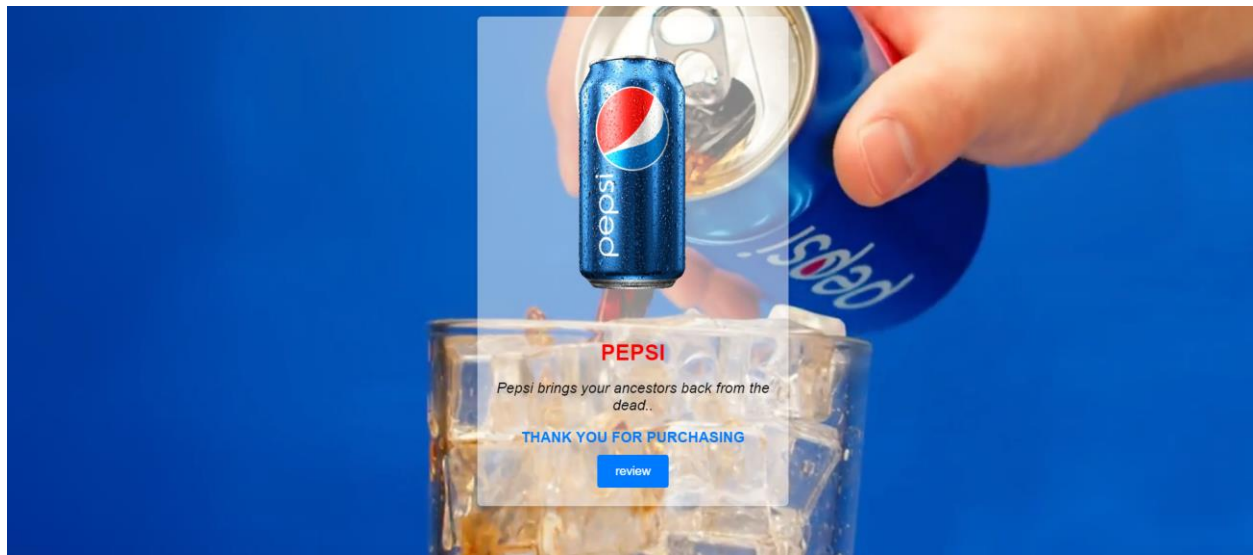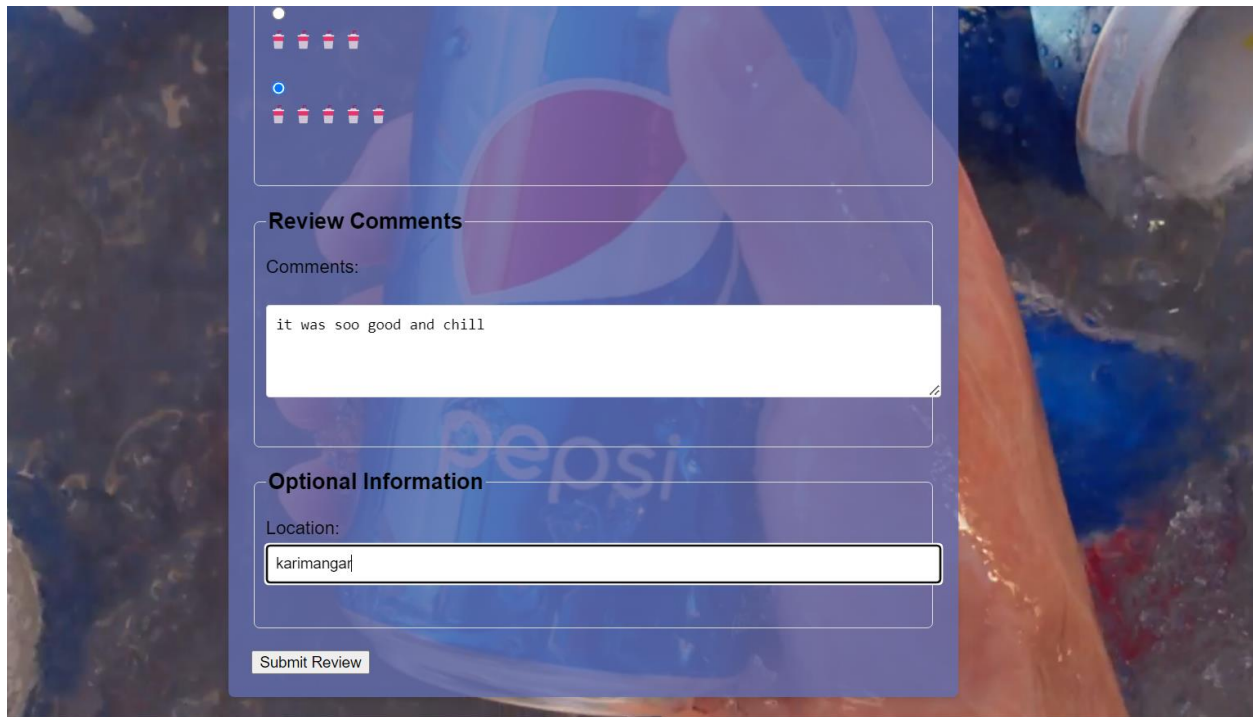
PEPSI

Pepsi brings your ancestors back from the dead..

THANK YOU FOR PURCHASING

review

Product Information

Product ID:

5151215

Date Purchased:

03/05/2024

Customer Details

Name:

Nehal Varma Allam

Email Address:

nehalvarma8818@gmail.com

Age Group:

18-30

Product Rating

Rating:

Review Comments

Comments:

it was soo good and chill

Optional Information

Location:

karimangar

Submit Review