

## WORKSHEET 10

**ROLL NO:25MX102**

### HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Student Survey Form</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <div class="container">
        <h2>University Survey Form</h2>
        <form id="surveyForm">
            <!-- Name -->
            <label for="name">Name:</label>
            <input type="text" id="name" name="name" onblur="validateName()">
            <span id="nameError" class="error"></span>

            <!-- Email -->
            <label for="email">Email ID:</label>
            <input type="email" id="email" name="email"
onblur="validateEmail()">
            <span id="emailError" class="error"></span>

            <!-- Password -->
            <label for="password">Password:</label>
            <input type="password" id="password" name="password"
onblur="validatePassword()">
            <span id="passwordError" class="error"></span>

            <!-- Mobile Number -->
            <label for="mobile">Mobile Number:</label>
            <input type="text" id="mobile" name="mobile"
onblur="validateMobile()">
            <span id="mobileError" class="error"></span>

            <!-- Date of Birth -->
            <label for="dob">Date of Birth:</label>
            <input type="date" id="dob" name="dob" onblur="validateDOB()">
            <span id="dobError" class="error"></span>

            <!-- Rating -->
```

```

<label>Rating:</label>
<div id="rating">
    <input type="radio" name="rating" value="1">1 ★
    <input type="radio" name="rating" value="2">2 ★
    <input type="radio" name="rating" value="3">3 ★
    <input type="radio" name="rating" value="4">4 ★
    <input type="radio" name="rating" value="5">5 ★
</div>
<span id="ratingError" class="error"></span>

<!-- Interests -->
<label>Interests:</label>
<div id="interests">
    <input type="checkbox" name="interests" value="Sports">Sports
    <input type="checkbox" name="interests" value="Music">Music
    <input type="checkbox" name="interests" value="Coding">Coding
    <input type="checkbox" name="interests"
value="Reading">Reading
    <input type="checkbox" name="interests" value="Travel">Travel
</div>
<span id="interestsError" class="error"></span>

<!-- Buttons -->
<div class="buttons">
    <button type="button"
onclick="displayValues()">Display</button>
    <button type="reset">Reset</button>
    <button type="submit">Submit</button>
</div>
</form>
</div>

<script src="script.js"></script>
</body>
</html>

```

## SUCCESS.HTML:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Form Submitted</title>
    <style>
        body {
            font-family: Arial, sans-serif;

```

```

        text-align: center;
        margin-top: 100px;
    }
    .success-message {
        color: green;
        font-size: 24px;
        font-weight: bold;
    }

```

</style>

</head>

<body>

```

<div class="success-message">
    Form Submitted Successfully!
</div>

<script>
    const name = sessionStorage.getItem('name');
    const email = sessionStorage.getItem('email');
    const rating = sessionStorage.getItem('rating');
    const interests = sessionStorage.getItem('interests');

    alert(`Name: ${name}\nEmail: ${email}\nRating: ${rating}\nSelected
Interests: ${interests}`);
</script>

```

</body>

</html>

## CSS:

```

body {
    font-family: Arial, sans-serif;
    background-color: #fafbfd;
    display:flex ;
    justify-content: center;
    align-items: center;
    height: 100vh;
}

.container {
    background-color: #f7f6f9;
    padding: 40px;
    border-radius: 10px;
    box-shadow: 0px 0px 8px #aaa;
    width: 450px;
}

h2 {

```

```
    text-align: center;
    margin-bottom: 20px;
}

label {
    display: block;
    margin-top: 12px;
    font-weight: bold;
}

input[type="text"],
input[type="email"],
input[type="password"],
input[type="date"] {
    width: 95%;
    padding: 9px;
    margin-top: 10px;
    border-radius: 8px;
    border: 1px solid #ccc;
}

input[type="radio"],
input[type="checkbox"] {
    margin-right: 12px;
}

.error {
    color: red;
    font-size: 0.9em;
}

.success {
    color: green;
}

.buttons {
    margin-top: 15px;
    display: flex;
    justify-content: space-between;
}

button {
    padding: 8px 15px;
    border: none;
    border-radius: 5px;
    background-color: #0b79d0;
    color: white;
    cursor: pointer;
```

```
        font-weight: bold;
    }

button:hover {
    background-color: #0a86eb;
}
```

## JS:

```
// Validation functions
function validateName() {
    const name = document.getElementById('name').value.trim();
    const nameError = document.getElementById('nameError');
    const regex = /^[A-Za-z ]+$/;

    if (name === "") {
        nameError.textContent = "Name cannot be empty";
        return false;
    } else if (!regex.test(name)) {
        nameError.textContent = "Only alphabets allowed";
        return false;
    } else {
        nameError.textContent = "✓";
        nameError.classList.add('success');
        return true;
    }
}

function validateEmail() {
    const email = document.getElementById('email').value.trim();
    const emailError = document.getElementById('emailError');
    const regex = /^[^\s@]+@[^\s@]+\.(com|edu|in)$/;

    if (!regex.test(email)) {
        emailError.textContent = "Invalid email format";
        emailError.classList.remove('success');
        return false;
    } else {
        emailError.textContent = "✓";
        emailError.classList.add('success');
        return true;
    }
}

function validatePassword() {
    const password = document.getElementById('password').value;
    const passwordError = document.getElementById('passwordError');
```

```
const regex = /^(?=.*\d).{6,}$/;

if (!regex.test(password)) {
    passwordError.textContent = "Min 6 chars, at least 1 number";
    passwordError.classList.remove('success');
    return false;
} else {
    passwordError.textContent = "✓";
    passwordError.classList.add('success');
    return true;
}

function validateMobile() {
    const mobile = document.getElementById('mobile').value.trim();
    const mobileError = document.getElementById('mobileError');
    const regex = /^[\d]{10}$/;

    if (!regex.test(mobile)) {
        mobileError.textContent = "Enter 10 digit number";
        mobileError.classList.remove('success');
        return false;
    } else {
        mobileError.textContent = "✓";
        mobileError.classList.add('success');
        return true;
    }
}

function validateDOB() {
    const dob = document.getElementById('dob').value;
    const dobError = document.getElementById('dobError');

    if (!dob) {
        dobError.textContent = "Select your Date of Birth";
        dobError.classList.remove('success');
        return false;
    } else {
        dobError.textContent = "✓";
        dobError.classList.add('success');
        return true;
    }
}

function validateRating() {
    const ratings = document.getElementsByName('rating');
    const ratingError = document.getElementById('ratingError');
    let selected = false;
```

```
    ratings.forEach(r => {
      if (r.checked) selected = true;
    });

    if (!selected) {
      ratingError.textContent = "Select a rating";
      ratingError.classList.remove('success');
      return false;
    } else {
      ratingError.textContent = "✓";
      ratingError.classList.add('success');
      return true;
    }
  }

function validateInterests() {
  const interests = document.getElementsByName('interests');
  const interestsError = document.getElementById('interestsError');
  let selected = false;

  interests.forEach(i => {
    if (i.checked) selected = true;
  });

  if (!selected) {
    interestsError.textContent = "Select at least one interest";
    interestsError.classList.remove('success');
    return false;
  } else {
    interestsError.textContent = "✓";
    interestsError.classList.add('success');
    return true;
  }
}

// Display form values
function displayValues() {
  const name = document.getElementById('name').value;
  const email = document.getElementById('email').value;
  const password = document.getElementById('password').value;
  const mobile = document.getElementById('mobile').value;
  const dob = document.getElementById('dob').value;

  const ratings = document.getElementsByName('rating');
  let ratingValue = '';
  ratings.forEach(r => { if (r.checked) ratingValue = r.value; });
}
```

```
const interests = document.getElementsByName('interests');
let selectedInterests = [];
interests.forEach(i => { if (i.checked) selectedInterests.push(i.value);
});

alert(
`Name: ${name}\nEmail: ${email}\nPassword: ${password}\nMobile:
${mobile}\nDOB: ${dob}\nRating: ${ratingValue}\nInterests:
${selectedInterests.join(", ")}`
);

// Form submission
document.getElementById('surveyForm').addEventListener('submit', function(e) {
e.preventDefault();
let valid = validateName() & validateEmail() & validatePassword() &
validateMobile() & validateDOB() & validateRating() & validateInterests();
if (valid) {
    // Store details in sessionStorage to show in success page
    sessionStorage.setItem('name', document.getElementById('name').value);
    sessionStorage.setItem('email',
document.getElementById('email').value);

    const ratings = document.getElementsByName('rating');
    let ratingValue = '';
    ratings.forEach(r => { if (r.checked) ratingValue = r.value; });
    sessionStorage.setItem('rating', ratingValue);

    const interests = document.getElementsByName('interests');
    let selectedInterests = [];
    interests.forEach(i => { if (i.checked)
selectedInterests.push(i.value); });
    sessionStorage.setItem('interests', selectedInterests.join(", "));

    window.location.href = "success.html";
} else {
    alert("Please correct the errors in the form before submitting.");
}
});
```

O/P:

# University Survey Form

**Name:**

bala

✓

**Email ID:**

25mx102@psgtech.ac.in

✓

**Password:**

.....

✓

**Mobile Number:**

8248850487

✓

**Date of Birth:**

22 - 10 - 2025

✓

**Rating:**

1  2  3  4  5

**Interests:**

Sports Music Coding Reading Travel

DisplayResetSubmit

127.0.0.1:5500 says

Name: bala

Email: 25mx102@psgtech.ac.in

Rating: 5

Selected Interests: Sports, Coding

OK

**Form Submitted Successfully!**