

JavaScript input form examples that cover a variety of common use cases.

## 1. Simple Text Input and Alert

This example demonstrates how to get the value from a text input field and display it in an alert box.

html code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Text Input Example</title>
</head>
<body>
  <form id="myForm">
    <label for="name">Name:</label>
    <input type="text" id="name" name="name" required>
    <button type="button" onclick="showInput()">Submit</button>
  </form>

  <script>
    function showInput() {
      const name = document.getElementById('name').value;
      alert('Hello, ' + name + '!');
    }
  </script>
</body>
</html>
```

## 2. Checkbox Input Example

This example shows how to handle checkbox inputs.

Html code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Checkbox Example</title>
</head>
<body>
  <form id="checkboxForm">
    <label for="subscribe">Subscribe to newsletter:</label>
    <input type="checkbox" id="subscribe" name="subscribe">
    <button type="button" onclick="checkSubscription()">Submit</button>
  </form>

  <script>
    function checkSubscription() {
      const isSubscribed =
document.getElementById('subscribe').checked;
```

```

        if (isSubscribed) {
            alert('Thank you for subscribing!');
        } else {
            alert('You have not subscribed.');
```

### 3. Radio Button Input Example

Here's an example of handling radio button selections.

```

html code
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Radio Button Example</title>
</head>
<body>
    <form id="radioForm">
        <label for="color">Choose your favorite color:</label><br>
        <input type="radio" id="red" name="color" value="Red"> Red<br>
        <input type="radio" id="blue" name="color" value="Blue"> Blue<br>
        <input type="radio" id="green" name="color" value="Green"> Green<br>
        <button type="button" onclick="showColor()">Submit</button>
    </form>

    <script>
        function showColor() {
            const selectedColor =
document.querySelector('input[name="color"]:checked');
            if (selectedColor) {
                alert('You selected: ' + selectedColor.value);
            } else {
                alert('Please select a color.');
```

### 4. Select Dropdown Input Example

This example demonstrates how to get the selected value from a dropdown (select) element.

```

html
Copy code
<!DOCTYPE html>
<html lang="en">
<head>
```

```

    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Select Input Example</title>
</head>
<body>
    <form id="selectForm">
        <label for="car">Choose a car:</label>
        <select id="car" name="car">
            <option value="volvo">Volvo</option>
            <option value="saab">Saab</option>
            <option value="fiat">Fiat</option>
            <option value="audi">Audi</option>
        </select>
        <button type="button" onclick="showSelectedCar()">Submit</button>
    </form>

    <script>
        function showSelectedCar() {
            const car = document.getElementById('car').value;
            alert('You selected: ' + car);
        }
    </script>
</body>
</html>

```

## 5. Form Validation Example (Required Fields)

This example demonstrates how to use JavaScript to validate required fields in a form before submission.

```

html code
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Form Validation Example</title>
</head>
<body>
    <form id="contactForm" onsubmit="return validateForm()">
        <label for="email">Email:</label>
        <input type="email" id="email" name="email" required><br><br>
        <label for="message">Message:</label><br>
        <textarea id="message" name="message" rows="4" cols="50"
required></textarea><br><br>
        <button type="submit">Submit</button>
    </form>

    <script>
        function validateForm() {
            const email = document.getElementById('email').value;
            const message = document.getElementById('message').value;

            if (email === "" || message === "") {
                alert("Please fill out all required fields.");
            }
        }
    </script>

```

```

        return false;
    } else {
        alert("Form submitted successfully.");
        return true;
    }
}
</script>
</body>
</html>

```

## 6. Number Input Example

This example shows how to get the value from a number input field.

```

html code
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Number Input Example</title>
</head>
<body>
  <form id="numberForm">
    <label for="quantity">Quantity:</label>
    <input type="number" id="quantity" name="quantity" min="1" max="100"
required>
    <button type="button" onclick="showQuantity()">Submit</button>
  </form>

  <script>
    function showQuantity() {
      const quantity = document.getElementById('quantity').value;
      alert('You entered: ' + quantity);
    }
  </script>
</body>
</html>

```

## 7. Date Input Example

Here's how you can handle a date input field.

```

htmlcode
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Date Input Example</title>
</head>
<body>
  <form id="dateForm">
    <label for="birthdate">Birthdate:</label>

```

```
    <input type="date" id="birthdate" name="birthdate" required>
    <button type="button" onclick="showBirthdate()">Submit</button>
</form>

<script>
  function showBirthdate() {
    const birthdate = document.getElementById('birthdate').value;
    alert('Your birthdate is: ' + birthdate);
  }
</script>
</body>
</html>
```

These examples demonstrate how you can interact with different types of input fields in HTML using JavaScript.