Excercise 9 ROLLNO:230701297

## NAME: SATHISH KUMAR O

# Design input forms that validate data (e.g., email, phone number) and display error messages using HTML/CSS, JavaScript (with Validator.js)

#### AIM:

The aim is to design input forms that validate data, such as email and phone number, and display error messages using HTML/CSS and JavaScript with Validator.js.

## **PROCEDURE:**

## **Step 1: Setting Up the HTML Form**

Start by creating an HTML form with input fields for the email and phone number.

#### html

# **Step 2: Styling the Form with CSS**

Next, add some basic styling to make the form look nice.

```
/* style.css */ body
{
   font-family: Arial, sans-serif;
   background-color: #f4f4f4;
   display: flex; justify-content:
   center; align-items: center;
   height: 100vh;
```

margin: 0;

css

```
}
.container {
              background-color: white;
padding: 20px;
                 border-radius: 5px;
box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}
form {
  display: flex;
                  flex-
direction: column;
label {
         margin-
bottom: 5px;
input {
         margin-
bottom: 10px;
padding: 10px;
                 border:
1px solid #ccc;
border-radius: 3px;
}
button {
padding: 10px;
background-
color: #28a745;
color: white;
```

```
border: none; border-
radius: 3px; cursor:
pointer;
}
button:hover {
  background-color: #218838;
}
.error { color: red;
font-size: 0.875em;
}
```

# Step 3: Adding JavaScript for Validation

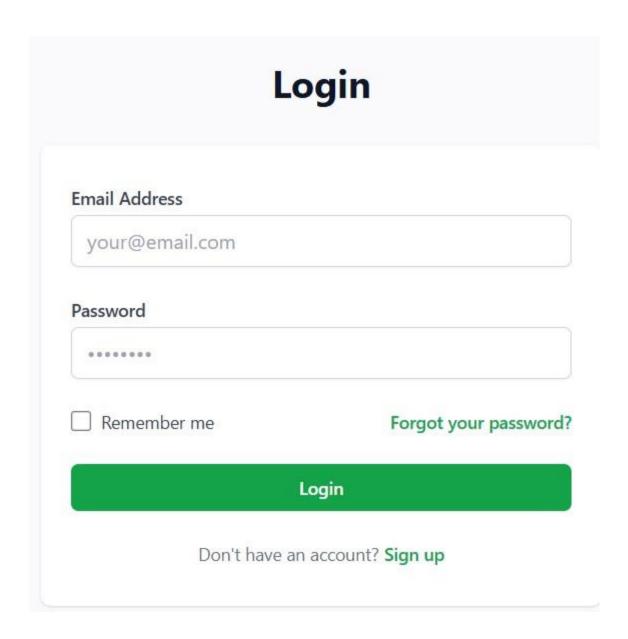
Finally, add JavaScript to validate the input fields using Validator.js and display error messages.

```
javascript /*
script.js */
document.getElementById('myForm').addEventListener('submit', function (e) {
e.preventDefault();

let email = document.getElementById('email').value;
let phone = document.getElementById('phone').value; let
emailError = document.getElementById('emailError'); let
phoneError = document.getElementById('phoneError');
```

```
// Clear previous error messages
emailError.textContent = "; phoneError.textContent
= ";
  // Validate email
  if (!validator.isEmail(email)) {
    emailError.textContent = 'Please enter a valid email address.';
  }
  // Validate phone number
  if (!validator.isMobilePhone(phone, 'any')) {
    phoneError.textContent = 'Please enter a valid phone number.';
  }
  // If no errors, submit the form (for demonstration purposes, we'll just log the values)
if (validator.isEmail(email) && validator.isMobilePhone(phone, 'any')) {
console.log('Email:', email);
                                  console.log('Phone:', phone);
  }
});
```

## **OUTPUT:**



## **RESULT:**

Input forms that validate data, such as email and phone number, and display error messages using HTML/CSS and JavaScript with Validator.js has been designed.