

Practical -8

Aim: Write a code using JavaScript for validation of form to perform the given tasks:

- a) No input type must be blank or unselected
- b) Text input like name must not have numbers
- c) Text input like phone must not have alphabets
- d) Text input like zip must be of length six
- e) Email entered must be of given pattern
- f) Mail Address 1 must be different from Mail address 2

Code:

```
<html>
<head></head>
<body>
<form id="myForm" action=https://codepen.io/kisanms/pen/OJoQVwZ>
  <div> <label for="name">Name:</label>
    <input type="text" id="name" name="name" required>
  </div>
  <div> <label for="phone">Phone:</label>
    <input type="tel" id="phone" name="phone" required>
  </div>
  <div> <label for="zip">Zip:</label>
    <input type="text" id="zip" name="zip" required>
  </div>
  <div> <label for="email">Email:</label>
    <input type="email" id="email" name="email" required>
  </div>
  <div> <label for="address1">Mail Address 1:</label>
    <input type="text" id="address1" name="address1" required>
  </div>
  <div> <label for="address2">Mail Address 2:</label>
    <input type="text" id="address2" name="address2" required>
  </div> <button type="submit">Submit</button>
</form>
<script>
Const form = document.getElementById('myForm');
Const nameInput = document.getElementById('name');
Const phoneInput = document.getElementById('phone');
Const zipInput = document.getElementById('zip');
Const emailInput = document.getElementById('email');
Const address1Input = document.getElementById('address1');
Const address2Input = document.getElementById('address2');

Form.addEventListener('submit', (event) => {
  Event.preventDefault();

  // Check that all inputs have a value
```

```
    Const inputs = [nameInput, phoneInput, zipInput, emailInput, address1Input,
address2Input];
    Const allInputsHaveValue = inputs.every(input => input.value.trim() !== "");
    If (!allInputsHaveValue) {
        Alert('All form fields are required.');
```

```
        Return;
    }

    // Check that name input does not have numbers
    Const regex = /\d/;
    If (regex.test(nameInput.value)) {
        Alert('Name cannot contain numbers.');
```

```
        Return;
    }

    // Check that phone input does not have alphabets
    Const phoneRegex = /^[0-9]+$/;
    If (!phoneRegex.test(phoneInput.value)) {
        Alert('Phone must not have alphabets.');
```

```
        Return;
    }

    // Check that zip input is of length 6
    If (zipInput.value.length !== 6) {
        Alert('Zip must be of length 6.');
```

```
        Return;
    }

    // Check that email is of the given pattern
    Const emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
    If (!emailRegex.test(emailInput.value)) {
        Alert('Email is not in the correct format.');
```

```
        Return;
    }

    // Check that mail address 1 is different from mail address 2
    If (address1Input.value === address2Input.value) {
        Alert('Mail Address 1 must be different from Mail Address 2.');
```

```
        Return;
    }

    // If all validations pass, submit the form
    Alert('Form submitted successfully!');
    Form.submit();
});
</script>
</body>
</html>
```

