

Name : Mandhani Vaibhav Ramesh

Sub : SEM-II

Roll NO : 266

Practical :

04<!DOCTYPE html>

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Employee Form Validation</title>
```

```
  <style>
```

```
    body {
```

```
      font-family: Arial, sans-serif;
```

```
      display: flex;
```

```
      justify-content: center;
```

```
      align-items: center;
```

```
      min-height: 100vh;
```

```
      margin: 0;
```

```
      background-color: #f5f5f5;
```

```
    }
```

```
    .form-container {
```

```
      background: white;
```

```
      padding: 2rem;
```

```
      border-radius: 8px;
```

```
      box-shadow: 0 2px 10px rgba(0,0,0,0.1);
```

```
      width: 100%;
```

```
      max-width: 500px;
```

```
    }
```

```
    h2 {
```

```
      text-align: center;
```

```
      color: #333;
```

```
      margin-bottom: 1.5rem;
```

```
    }
```

```
    label {
```

```
      display: block;
```

```
      margin-bottom: 0.5rem;
```

```
      font-weight: bold;
```

```
        color: #555;
    }
    input[type="text"],
    textarea {
        width: 100%;
        padding: 0.5rem;
        border: 1px solid #ddd;
        border-radius: 4px;
        box-sizing: border-box;
    }
    textarea {
        min-height: 100px;
    }
    input[type="submit"] {
        background-color: #4CAF50;
        color: white;
        padding: 0.7rem 1rem;
        border: none;
        border-radius: 4px;
        cursor: pointer;
        font-size: 1rem;
        width: 100%;
        margin-top: 1rem;
    }
    input[type="submit"]:hover {
        background-color: #45a049;
    }
    .error {
        color: red;
        font-size: 0.8em;
        margin-top: -10px;
        margin-bottom: 10px;
    }
</style>
</head>
<body>
    <div class="form-container">
```

```

<h2>Employee Form</h2>
<form onsubmit="return validateForm()">
  <label for="name">Name:</label>
  <input type="text" id="name" name="name">
  <span id="nameError" class="error"></span><br>

  <label for="email">Email:</label>
  <input type="text" id="email" name="email">
  <span id="emailError" class="error"></span><br>

  <label for="mobile">Mobile No:</label>
  <input type="text" id="mobile" name="mobile">
  <span id="mobileError" class="error"></span><br>

  <label for="address">Address:</label>
  <textarea id="address" name="address"></textarea>
  <span id="addressError" class="error"></span><br>

  <label for="salary">Salary:</label>
  <input type="text" id="salary" name="salary">
  <span id="salaryError" class="error"></span><br>

  <input type="submit" value="Submit">
</form>
</div>
<script>
function validateForm() {
  var validMobilePrefixes = ["70", "75", "76", "77", "78", "79", "98", "99",
"96", "95", "94", "97", "93", "92", "89", "85"];
  document.querySelectorAll('.error').forEach(el => el.textContent = "");
  var name = document.getElementById("name").value;
  var email = document.getElementById("email").value;
  var mobile = document.getElementById("mobile").value;
  var address = document.getElementById("address").value;
  var salary = document.getElementById("salary").value;

  var emailPattern = /^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,6}$/;

```

```

var mobilePattern = /^[0-9]{10}$/;
var isValid = true;
if (name == "") {
    document.getElementById("nameError").textContent = "Name must
be filled out";
    isValid = false;
}
if (email == "") {
    document.getElementById("emailError").textContent = "Email must
be filled out";
    isValid = false;
} else if (!email.match(emailPattern)) {
    document.getElementById("emailError").textContent = "Please enter
a valid email address";
    isValid = false;
}
if (mobile == "") {
    document.getElementById("mobileError").textContent = "Mobile
number must be filled out";
    isValid = false;
} else if (!mobile.match(mobilePattern)) {
    document.getElementById("mobileError").textContent = "Please enter
a valid 10-digit mobile number";
    isValid = false;
} else {
    var prefix = mobile.substring(0, 2);
    if (!validMobilePrefixes.includes(prefix)) {
        document.getElementById("mobileError").textContent = "Please
enter a valid number available in india(jio,airtail,bsnl,vi)";
        isValid = false;
    }
}
if (address == "") {
    document.getElementById("addressError").textContent = "Address
must be filled out";
    isValid = false;
}

```

```
        if (salary == "") {  
            document.getElementById("salaryError").textContent = "Salary must  
be filled out";  
            isValid = false;  
        } else if (isNaN(salary) || salary <= 0) {  
            document.getElementById("salaryError").textContent = "Please enter  
a valid salary";  
            isValid = false;  
        }  
        return isValid;  
    }  
</script>  
</body>  
</html>
```

The screenshot shows a web browser window with the title 'Employee Form Validation'. The address bar displays '127.0.0.1:5500/practical04.html'. The form is titled 'Employee Form' and contains the following fields and validation messages:

- Name:** Input field with 'vaibhav' entered.
- Email:** Input field with 'abc.gmail' entered. Below it, a red message says 'Please enter a valid email address'.
- Mobile No:** Input field with '2356897812' entered. Below it, a red message says 'Please enter a valid number available in india(jio,airtel,bsnl,vi)'.
- Address:** A large empty text area. Below it, a red message says 'Address must be filled out'.
- Salary:** Input field with '-20000' entered. Below it, a red message says 'Please enter a valid salary'.

A green 'Submit' button is located at the bottom of the form.