

Program 11

Create a HTML registration form and validate the form using JavaScript code. The validation should include the following:

1. Name validation/Mandatory field validation
2. password validation
3. Email validation
4. Mobile number validation

eventHandling3.html:

```
<html>
  <head>
    <title>PROGRAM 11</title>
    <style>
      body {
        text-align: center;
        background-color: #f7f8fa;
        margin-top: 40px;
      }

      h1 {
        font-size: 32px;
        color: #2c3e50;
        margin-bottom: 20px;
      }

      h2 {
        font-size: 22px;
        color: #34495e;
        margin-bottom: 20px;
      }

      form {
        display: inline-block;
      }
    </style>
  </head>
  <body>
    <h1>Registration Form</h1>
    <h2>Personal Information</h2>
    <form>
      <label>Name:</label>
      <input type="text" name="name" required>
      <label>Email:</label>
      <input type="email" name="email" required>
      <label>Password:</label>
      <input type="password" name="password" required>
      <label>Mobile Number:</label>
      <input type="text" name="mobile" required>
      <input type="submit" value="Submit" />
    </form>
  </body>
</html>
```

```
text-align: left;
background-color: white;
padding: 25px 40px;
border-radius: 8px;
box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
width: 320px;
}

label {
    font-weight: bold;
}

input[type="text"], input[type="password"] {
    width: 100%;
    padding: 8px;
    margin: 6px 0 12px 0;
    border: 1px solid #ccc;
    border-radius: 4px;
    box-sizing: border-box;
}

input[type="submit"] {
    background-color: #4CAF50;
    color: white;
    border: none;
    padding: 10px 20px;
    font-size: 16px;
    border-radius: 5px;
    cursor: pointer;
}

p {
```

```
        color: red;
        font-size: 14px;
        margin-top: -10px;
        margin-bottom: 10px;
    }

```

```
</style>
```

```
</head>
```

```
<body>
```

```
    <h1>FORM VALIDATION</h1>
```

```
    <form name="regForm" method="post" action="" onsubmit="return formValidate()">
```

```
        <h2>Registration Form</h2>
```

```

            <label>Name :</label>
            <input type="text" id="fname" name="fname">
            <p id="p1"></p>
```

```

            <label>Email :</label>
            <input type="text" id="email" name="email"><br>
            <p id="p2"></p>
```

```

            <label>Mobile Number :</label>
            <input type="text" id="phno" name="phno"><br>
            <p id="p3"></p>
```

```

            <label>Password :</label>
            <input type="text" id="password" name="password"><br>
            <p id="p4"></p>
```

```

            <input type="submit" value="Submit" name="submit">
```

```
</form>
```

```
<script>
```

```
    function formValidate(){
```

```
        let name = document.regForm.fname.value;
```

```
        let email = document.forms["regForm"]["email"].value;
```

```
let phno = document.getElementById("phno").value;
let password = document.getElementById("password").value;
atpos = email.indexOf('@');
dotpos = email.lastIndexOf('!');

//name field check
if (name == "" || name == null){
    document.getElementById("p1").innerHTML = "Name field cannot be empty!";
    return false;
}

//email field check
else if(email == "" || email == "null"){
    document.getElementById("p2").innerHTML = "Email field cannot be empty!";
    return false;
}

//Email format check
else if(atpos < 1 || dotpos < atpos+2 || dotpos+2 >= email.length){
    document.getElementById("p2").innerHTML = "must at username@domain.com format!";
    return false;
}

//Mobile number and length check
else if(isNaN(phno) || phno.length != 10){
    document.getElementById("p3").innerHTML = "Must be number and 10 digit!";
    return false;
}

//Password length check
else if(password.length<6){
    document.getElementById("p4").innerHTML = "Password must be at least 6 characters long!";
    return false;
}

else{
    alert("Successfully Registered ");
}
```

```
        }  
    }  
</script>  
</body>  
</html>
```

OUTPUT:

Form:

FORM VALIDATION

Registration Form

Name :

Email :

Mobile Number :

Password :

Name filed cannot be empty:

FORM VALIDATION

Registration Form

Name : Name field cannot be empty!

Email :

Mobile Number :

Password :

Email must be correct format:

FORM VALIDATION

Registration Form

Name : Fahis

Email : fahis@com
must at username@domain.com format!

Mobile Number :

Password :

Submit

Mobile number must 10 digits:

FORM VALIDATION

Registration Form

Name : Fahis

Email : fahis@gmail.com

Mobile Number : 9845920
Must be number and 10 digit!

Password :

Submit

Password cannot less than 8 characters:

FORM VALIDATION

Registration Form

Name : Fahis

Email : fahis@gmail.com

Mobile Number : 9446123645

Password : sdsad
Password must be at least 6 characters long!

Submit

Successful Registration :

