

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;
```

```
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;

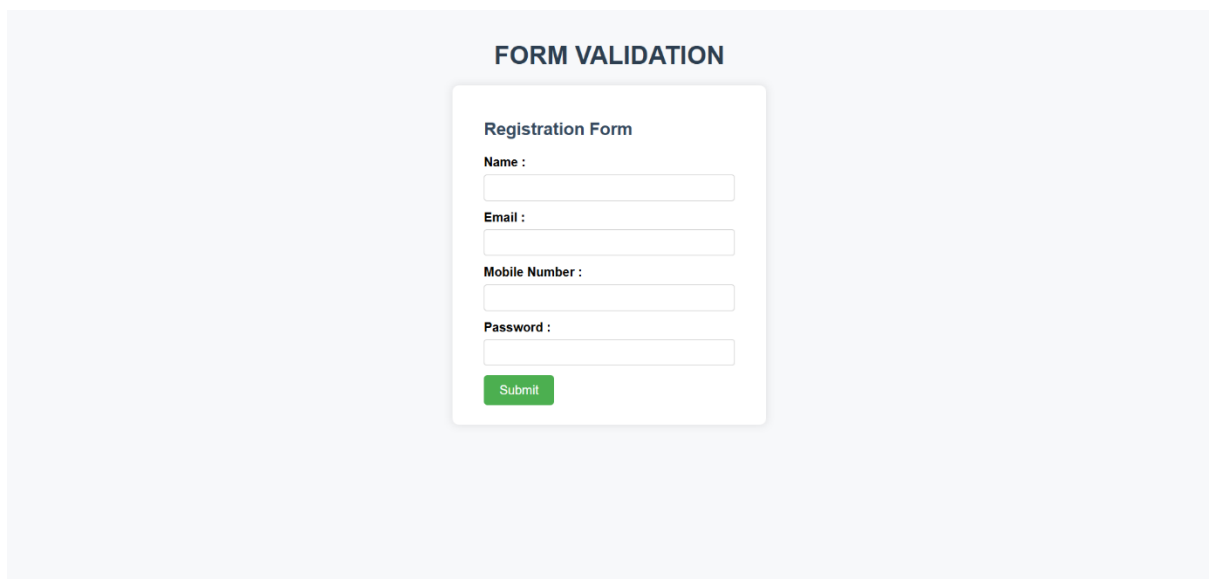
            let email = document.forms["regForm"]["email"].value;
```

```
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;
}
//Mobine number and legth 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>
```

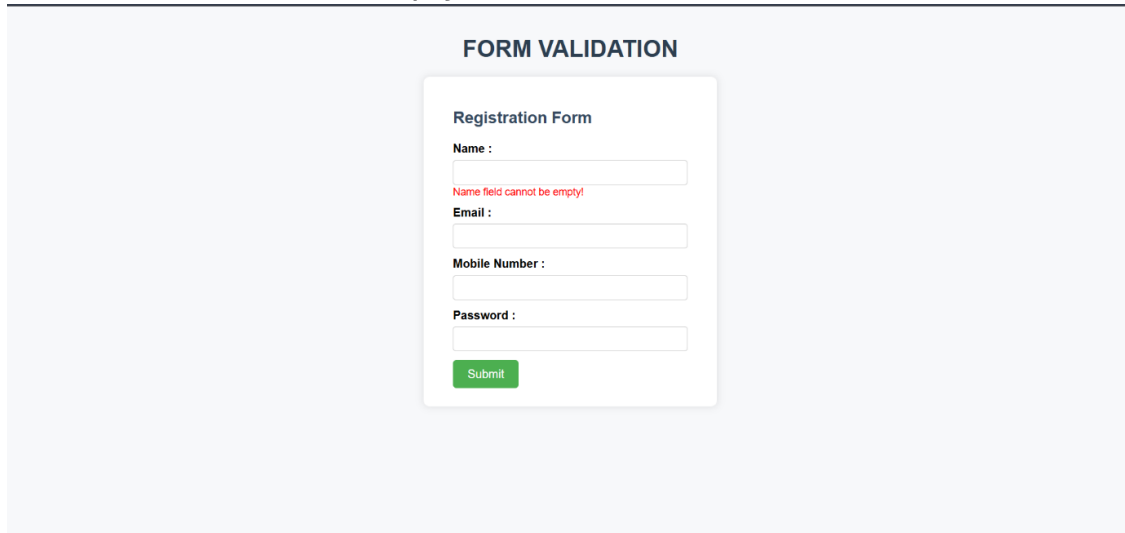
OUTPUT:

Form:



The screenshot shows a web page with a light gray background. At the top center, the text "FORM VALIDATION" is displayed in a bold, dark blue font. Below this, there is a white rectangular box with rounded corners and a subtle drop shadow. Inside this box, the title "Registration Form" is at the top. Below the title, there are four labeled input fields: "Name :", "Email :", "Mobile Number :", and "Password :". Each label is in a bold, dark gray font. The input fields are white with a light gray border. At the bottom of the form box, there is a green rectangular button with the word "Submit" in white text.

Name filed cannot be empty:



This screenshot shows the same "FORM VALIDATION" page as the previous one, but with a validation error. The "Name" input field now has a red border. To the left of the input field, the error message "Name field cannot be empty!" is displayed in a small, red font. The other fields and the "Submit" button remain the same.

Email must be correct format:

FORM VALIDATION

Registration Form

Name :

Email :

must at username@domain.com format!

Mobile Number :

Password :

Mobile number must 10 digits:

FORM VALIDATION

Registration Form

Name :

Email :

Mobile Number :

Must be number and 10 digit!

Password :

Password cannot less than 8 characters:

FORM VALIDATION

Registration Form

Name :

Email :

Mobile Number :

Password :

Password must be at least 6 characters long!

Successful Registration :

This page says
Successfully Registered

OK

Registration Form

Name :
Fahs

Email :
fahs@gmail.com

Mobile Number :
9406975023

Password :
password

Submit