

Program 15

Design a registration form in HTML, and do necessary server side validations using PHP.

vali.php:

```
<!DOCTYPE html>

<html>

<head>

  <title>Form Validation</title>

  <style>

    body{

      background: #eef2f3;

      font-family: Arial, sans-serif;

    }

    .container {

      width: 380px;

      margin: 60px auto;

      padding: 25px;

      background: #ffffff;

      border-radius: 10px;

      box-shadow: 0px 0px 12px rgba(0, 0, 0, 0.15);

    }

    h3 {

      text-align: center;

      color: #2c3e50;

      margin-bottom: 20px;

    }

    label {

      font-weight: bold;

      color: #34495e;

    }

    input[type="text"], input[type="password"] {
```

```
width: 95%;
padding: 10px;
margin: 6px 0 14px 0;
border: 1px solid #bfbfbf;
border-radius: 5px;
font-size: 15px;
}
input[type="submit"] {
width: 100%;
background-color: #3498db;
color: white;
border: none;
padding: 12px;
font-size: 16px;
font-weight: bold;
border-radius: 6px;
cursor: pointer;
}
input[type="submit"]:hover {
background-color: #2980b9;
}
.error {
color: #e74c3c;
margin: 10px 0;
font-size: 14px;
background: #fdecea;
padding: 8px;
border-radius: 5px;
}
.success {
color: #27ae60;
font-size: 15px;
```

```

        margin: 15px 0;

        padding: 8px;

        background: #e7f7ec;

        border-radius: 5px;
    }
</style>
</head>
<body>
<div class="container">
    <h3>Form Validation</h3>
    <form method="post" action="">
        <label>Name :</label><br>
        <input type="text" name="name"><br>
        <label>Email :</label><br>
        <input type="text" name="email"><br>
        <label>Phone :</label><br>
        <input type="text" name="phno"><br>

        <label>Password :</label><br>
        <input type="text" name="password"><br>
        <input type="submit" name="submit" value="Submit">
    </form>

<?php
    if (isset($_POST['submit'])) {
        $name = $_POST['name'] ?? "";
        $email = $_POST['email'] ?? "";
        $phno = $_POST['phno'] ?? "";
        $password = $_POST['password'] ?? "";

        if (empty($name)) {
            echo "<div class='error'>Name field cannot be empty!</div>";

```

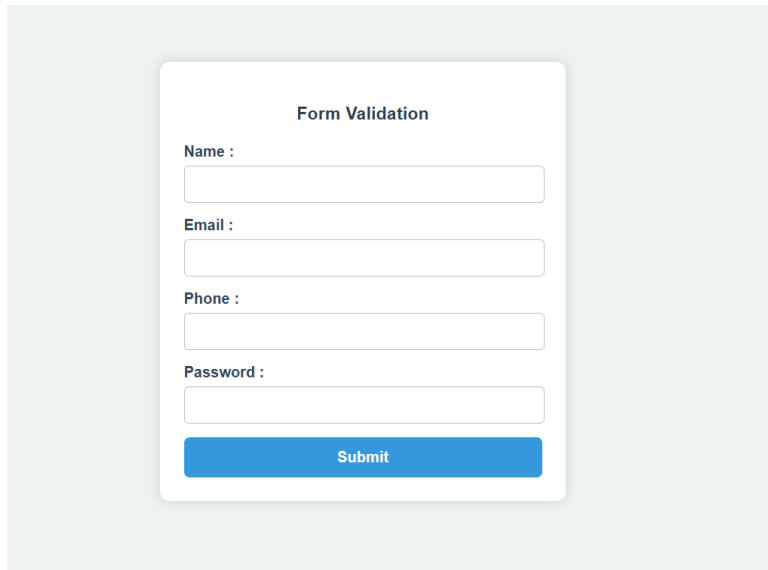
```

    }
    else if (empty($email)) {
        echo "<div class='error'>Email field cannot be empty!</div>";
    }
    else if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
        echo "<div class='error'>Invalid email format (Use: example@domain.com)</div>";
    }
    else if (empty($phno)) {
        echo "<div class='error'>Phone number cannot be empty!</div>";
    }
    else if (!ctype_digit($phno) || strlen($phno) != 10) {
        echo "<div class='error'>Phone number must be exactly 10 digits!</div>";
    }
    else if (empty($password)) {
        echo "<div class='error'>Password cannot be empty!</div>";
    }
    else if (!preg_match('/^(?=.*[a-z])(?=.*[A-Z])(?=.*\d){8,}$/', $password)) {
        echo "<div class='error'>Password must have 8+ chars, 1 uppercase, 1 lowercase, 1
number.</div>";
    }
    else {
        echo "<div class='success'><b>Form Submitted Successfully!</b></div>";
        echo "<div class='success'>
            Name: $name <br>
            Email: $email <br>
            Phone: $phno <br>
            </div>";
    }
}
?>
</div>
</body>
</html>

```

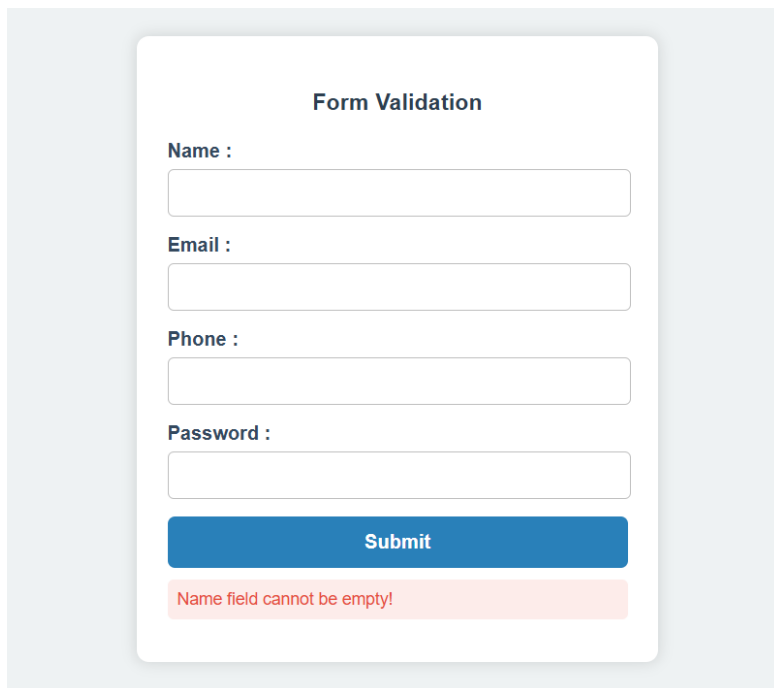
OUTPUT:

Form:



A screenshot of a web form titled "Form Validation". The form is centered on a light gray background. It contains four input fields labeled "Name :", "Email :", "Phone :", and "Password :". Each label is in bold. Below the "Password :" field is a blue "Submit" button. The form is enclosed in a white box with rounded corners and a subtle shadow.

Name validation:



A screenshot of the same "Form Validation" web form, but with a validation error. The "Name" input field is empty. Below the "Submit" button, a red error message "Name field cannot be empty!" is displayed in a light red box. The form is enclosed in a white box with rounded corners and a subtle shadow.

Email validation:

Form Validation
Name :

Email :

Phone :

Password :

Form Validation
Name :

Email :

Phone :

Password :

Invalid email format (Use: example@domain.com)

Phone validation:

Form Validation

Name :

Email :

Phone :

Password :

Submit

Form Validation

Name :

Email :

Phone :

Password :

Submit

Phone number must be exactly 10 digits!

Password validation:

Form Validation

Name :

Email :

Phone :

Password :

Submit

Form Validation

Name :

Email :

Phone :

Password :

Submit

Password must have 8+ chars, 1 uppercase, 1 lowercase, 1 number.

Successful:

Form Validation

Name :

Email :

Phone :

Password :

Submit

Form Validation

Name :

Email :

Phone :

Password :

Submit

Form Submitted Successfully!

Name: Fahis
Email: fahis@gmail.com
Phone: 9632154870