

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:

Form Validation

Name :

Email :

Phone :

Password :

Submit

Name validation:

Form Validation

Name :

Email :

Phone :

Password :

Submit

Name field cannot be empty!

Email validation:

Form Validation

Name :

Email :

Phone :

Password :

Submit

Form Validation

Name :

Email :

Phone :

Password :

Submit

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 :

Form Validation

Name :

Email :

Phone :

Password :

Form Submitted Successfully!

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