

Program no:12

AIM:Outline a registration form using PHP and do necessary validations.

Source code:

```
<!DOCTYPE html>

<html>

<head>

<style>

.error {color: #FF0001;}

</style>

</head>

<body>

<?php

// define variables to empty values

$nameErr = $emailErr = $mobilenErr = $genderErr = $websiteErr = $agreeErr = "";

$name = $email = $mobilen = $gender = $website = $agree = "";
```

```
//Input fields validation
```

```
if ($_SERVER["REQUEST_METHOD"] == "POST") {
```

```
//String Validation
```

```
    if (empty($_POST["name"])) {
```

```
        $nameErr = "Name is required";
```

```
    } else {
```

```
        $name = input_data($_POST["name"]);
```

```
        // check if name only contains letters and whitespace
```

```
        if (!preg_match("/^[a-zA-Z]*$/", $name)) {
```

```
            $nameErr = "Only alphabets and white space are allowed";
```

```
        }
```

```
    }
```

```
//Email Validation
```

```
if (empty($_POST["email"])) {
```

```
    $emailErr = "Email is required";
```

```
} else {
```

```
    $email = input_data($_POST["email"]);
```

```
    // check that the e-mail address is well-formed
```

```
    if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
```

```
        $emailErr = "Invalid email format";
```

```

    }

}

//Number Validation
if (emptyempty($_POST["mobilen"])) {
    $mobilenErr = "Mobile no is required";
} else {
    $mobilen = input_data($_POST["mobilen"]);
    // check if mobile no is well-formed
    if (!preg_match ("/^[0-9]*$/", $mobilen) ) {
        $mobilenErr = "Only numeric value is allowed.";
    }

    //check mobile no length should not be less and greator than 10
    if (strlen ($mobilen) != 10) {
        $mobilenErr = "Mobile no must contain 10 digits.";
    }
}

```

```

//URL Validation
if (emptyempty($_POST["website"])) {
    $website = "";
} else {

```

```

        $website = input_data($_POST["website"]);

        // check if URL address syntax is valid

        if
(!preg_match("/\b(?:https?|ftp):\/\/|www\.)[-a-z0-9+&@#\/%?=\~_ |!.,;]*[-a-z0-9+&
@#\/%=\~_ |]/i",$website)) {

            $websiteErr = "Invalid URL";

        }

    }

//Empty Field Validation

if (empty($_POST["gender"])) {

    $genderErr = "Gender is required";

} else {

    $gender = input_data($_POST["gender"]);

}

//Checkbox Validation

if (!isset($_POST['agree'])){

    $agreeErr = "Accept terms of services before submit.";

} else {

    $agree = input_data($_POST["agree"]);

}

}

```

```
function input_data($data) {  
    $data = trim($data);  
    $data = stripslashes($data);  
    $data = htmlspecialchars($data);  
    return $data;  
}  
?>
```

<h2>Registration Form</h2>

* required field

<form method="post" action="<?php echo
htmlspecialchars(\$_SERVER["PHP_SELF"]); ?>"

Name:

<input type="text" name="name">

* <?php echo \$nameErr; ?>

E-mail:

<input type="text" name="email">

* <?php echo \$emailErr; ?>

Mobile No:

<input type="text" name="mobilenno">

* <?php echo \$mobilenErr; ?>

Website:

<input type="text" name="website">

<?php echo \$websiteErr; ?>

Gender:

<input type="radio" name="gender" value="male"> Male

<input type="radio" name="gender" value="female"> Female

<input type="radio" name="gender" value="other"> Other

* <?php echo \$genderErr; ?>

Agree to Terms of Service:

<input type="checkbox" name="agree">

* <?php echo \$agreeErr; ?>

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

</form>

<?php

if(isset(\$_POST['submit'])) {

```

        if($nameErr == "" && $emailErr == "" && $mobilenErr == "" &&
$genderErr == "" && $websiteErr == "" && $agreeErr == "") {

            echo "<h3 color = #FF0001><b>You have sucessfully registered.</b>
</h3>";

            echo "<h2>Your Input:</h2>";

            echo "Name: " . $name;

            echo "<br>";

            echo "Email: " . $email;

            echo "<br>";

            echo "Mobile No: " . $mobilenErr;

            echo "<br>";

            echo "Website: " . $website;

            echo "<br>";

            echo "Gender: " . $gender;

        } else {

            echo "<h3><b>You didn't filled up the form correctly.</b></h3>";

        }

    }

?>

</body>

</html>

```

output

Mozilla Firefox

localhost/form.php

localhost/form.php

Registration Form

* required field

*

E-mail: *

Mobile No: *

Website:

Gender: ☐ Male ☐ Female ☐ Other *

Agree to Terms of Service: ☐ *