

PHP Lab

Assignment - 3

Dated: 25-02-2021

Sub Code: CSE-230

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CSE - 3

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Validation Form

Online Hosted Assignment Website Link: <http://php-vivek-repo.mywebcommunity.org/>

Code

```
<!-- 191112419 -->
<!DOCTYPE html>
<html lang="en">

<head>
    <style>
        .error {
            color: #FF0000;
        }

        .button {
            border: none;
            color: white;
            padding: 15px 32px;
            text-align: center;
            text-decoration: none;
            display: inline-block;
            font-size: 16px;
            margin: 4px 2px;
            cursor: pointer;
            background-color: #008CBA;
        }

        body {
            background-color: #f5fafd;
        }
    </style>
    <meta charset="UTF-8">
    <title>Form Validation</title>
</head>

<body>
    <?php

    $nameErr = $emailErr = $genderErr = $ageErr = $mobileErr = "";
    $name = $email = $gender = $age = $mobile = "";
    $pattern = "/^[a-zA-z]*$/";
```

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

    //Name
    if (empty($_POST["name"])) {
        $nameErr = "Name is required";
    } else {
        //Name format check
        if (!preg_match("/^[a-zA-z]*$/", $_POST["name"])) {
            $nameErr = "Invalid Name Format";
        } else {
            $name = test_input($_POST["name"]);
        }
    }

    //Age
    if (empty($_POST["age"])) {
        $ageErr = "Age is required";
    } else {
        //Number format check
        if (!preg_match("/^[0-9]*$/", $_POST["age"])) {
            $ageErr = "Invalid age format";
        } else {
            $age = test_input($_POST["age"]);
            if (!($age >= 20 && $age <= 40)) {
                $ageErr = "Invalid age! <em>Age must lie between 20 to 40<
/em> ";
            }
        }
    }

    //Gender
    if (empty($_POST["gender"])) {
        $genderErr = "Gender is required";
    } else {
        $gender = test_input($_POST["gender"]);
    }

    //Email
    if (empty($_POST["email"])) {
        $emailErr = "Email is required";
    } else {
        $email = test_input($_POST["email"]);

        // e-mail format check
        if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
            $emailErr = "Invalid email format";
        }
    }
}
```

```

//Mobile no.
if (empty($_POST["mobile"])) {
    $mobileErr = "";
} else {
    //number format check
    if (!preg_match("/^[0-9]*$/", $_POST["mobile"])) {
        $mobileErr = "Invalid mobile no. format";
    } else {
        $mobile = test_input($_POST["mobile"]);
        if (strlen($mobile) != 10) {
            $mobileErr = "Mobile no. must be 10 digit number";
        }
    }
}
}

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

<h1 align="center">Registration Form </h2>

<h3>Vivek Kumar Ahirwar</h3>
<h3>191112419</h3>
<h3>CSE-3</h3>

<p><span class="error">* required field.</span></p>

<form method="post" action="<?php $_SERVER["PHP_SELF"] ?>">
    <table>
        <tr>
            <td>Name:</td>
            <td><input type="text" name="name">
                <span class="error">* <?php echo $nameErr; ?></span>
            </td>
        </tr>

        <tr>
            <td>Age:</td>
            <td><input type="text" name="age">
                <span class="error">* <?php echo $ageErr; ?></span>
            </td>
        </tr>
    </table>

```

```

        <tr>
            <td>Gender:</td>
            <td>
                <input type="radio" name="gender" value="female">Femal
e
                <input type="radio" name="gender" value="male">Male
                <span class="error"> &nbsp; &nbsp;* <?php echo $gender
Err; ?></span>
            </td>
        </tr>

        <tr>
            <td>E-mail: </td>
            <td><input type="text" name="email">
                <span class="error">* <?php echo $emailErr; ?></span>
            </td>
        </tr>

        <tr>
            <td>Mobile no:</td>
            <td> <input type="text" name="mobile">
                <span class="error"> <?php echo $mobileErr; ?></span>
            </td>
        </tr>
        <tr>
            <td></td>
        </tr>
        <tr>
            <td></td>
            <td><input type="submit" class="button" name="submit" valu
e="Submit"></td>
        </tr>

    </table>

</form>

<?php
echo "<h2>Your given values are as:</h2>";
echo $name;
echo "<br>";

echo $age;
echo "<br>";

echo $gender;
echo "<br>";

echo $email;

```

```
        echo "<br>";

        echo $mobile;
        echo "<br>";
    ?>

</body>

</html>
```

Output

Form Validation

localhost/phpProject/FormValidation.php

Registration Form

Vivek Kumar Abhirwar

191112419

CSE-3

* required field.

Name: *

Age: *

Gender: ☐ Female ☐ Male *

E-mail: *

Mobile no:

Submit

Your given values are as:

Valid Input formats

The screenshot shows a web browser window titled "Form Validation" with the URL "localhost/phpProject/FormValidation.php". The page displays a "Registration Form" with the following pre-filled data and validation messages:

Vivek Kumar Ahirwar
191112419
CSE-3

* required field.

Name: * Invalid Name Format
Age: * Age is required
Gender: ☐ Female ☒ Male * Gender is required
E-mail: * Email is required
Mobile no:

Your given values are as:

The screenshot shows the same web browser window, but the "Your given values are as:" section is now populated with the pre-filled data from the form above:

Vivek Kumar Ahirwar
191112419
CSE-3

* required field.

Name: *
Age: *
Gender: ☐ Female ☐ Male *
E-mail: *
Mobile no:

Your given values are as:

Vivek Kumar Ahirwar
191112419
male
ahirwarvivek19@gmail.com
7694900109

Invalid Inputs format

The screenshot shows a web browser window titled "Form Validation" at the URL "localhost/phpProject/FormValidation.php". The page displays a "Registration Form" with the following pre-filled data: Name: Vivek Kumar Ahirwar, ID: 191112419, and Course: CSE-3. Below the form, a red message states "* required field." The form fields are: Name (text input), Age (text input), Gender (radio buttons for Female and Male), E-mail (text input), and Mobile no. (text input). Each field has a red error message: "* Name is required", "* Age is required", "* Gender is required", and "* Email is required". A blue "Submit" button is located below the form. Below the form, the text "Your given values are as:" is displayed.

The screenshot shows the same "Registration Form" as above, but with more detailed validation. The pre-filled data remains the same. The red message "* required field." is still present. The error messages for the fields are: Name: "* Invalid Name Format", Age: "* Invalid age! Age must lie between 20 to 40", Gender: "* Gender is required", E-mail: "* Invalid email format", and Mobile no.: "* Mobile no. must be 10 digit number". The blue "Submit" button is still present. Below the form, the text "Your given values are as:" is displayed, followed by the pre-filled values: 255, ahirwarvivek19, and 07694900109.