

Practical No. 10 – Program to PHP Form handling, PHP GET,PHP POST,PHP Form Validation, PHP Form Sanitization.

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Roll No. – 26

Code:

```
<!-- Practical 10 program HTML file -->
<!DOCTYPE html>
<html>
<head>
    <title>PHP Form Handling</title>
</head>
<body>

<h2>PHP Form Handling</h2>

<form method="post" action="process_form.php">
    <label for="name">Name:</label>
    <input type="text" id="name" name="name"><br><br>

    <label for="email">Email:</label>
    <input type="email" id="email" name="email"><br><br>

    <label for="age">Age:</label>
    <input type="number" id="age" name="age"><br><br>

    <input type="submit" value="Submit">
</form>

</body>
</html>
```

Php file process_form.php

```
<?php
// PHP Form Validation and Sanitization

// Initialize variables
$name = $email = $age = "";

// Form validation and sanitization function
function sanitizeInput($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}

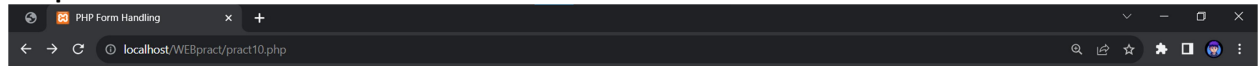
if ($_SERVER["REQUEST_METHOD"] == "POST") {
```

```
// Validate and sanitize name
if (empty($_POST["name"])) {
    echo "Name is required <br>";
} else {
    $name = sanitizeInput($_POST["name"]);
    // Check if name contains only letters and whitespace
    if (!preg_match("/^[a-zA-Z ]*$/", $name)) {
        echo "Only letters and white space allowed for name <br>";
    }
}

// Validate and sanitize email
if (empty($_POST["email"])) {
    echo "Email is required <br>";
} else {
    $email = sanitizeInput($_POST["email"]);
    // Check if email address is valid
    if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
        echo "Invalid email format <br>";
    }
}

// Validate and sanitize age
if (empty($_POST["age"])) {
    echo "Age is required <br>";
} else {
    $age = sanitizeInput($_POST["age"]);
    // Check if age is a number
    if (!is_numeric($age)) {
        echo "Age must be a number <br>";
    }
}
}
?>
```

Output:



PHP Form Handling

Name:

Email:

Age:



Only letters and white space allowed for name