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Class - SYCSE

Roll no. - 7

Batch - S1

Sub. - DASS

Practical No. 6

Aim :- a) To create a PHP form, use PHP & Get and PHP & Post method to accept data

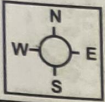b) Form validation in PHP : To validate contents in form created.

Theory :-

PHP$ - Post() :-

PHP$ _Post is a PHP super global variable which is used to collect form data after submitting an HTML form which method = "Post". $ - post is also used to pass variable.

Validate name :

regular expression is the easier way to validate full name in PHP (REGEX)

Validate email :

The easiest and safest way to check whether an email address is well formed is to use PHP's filter_var() function.

PHP $_GET :

PHP $_GET is a PHP super Global variable which is used to collect form data after submitting an HTML form with method = "get".

Input:-

```html
<!DOCTYPE HTML>
<html>
<head>
<style>
.hr {
border: 1px solid #f31515;
margin-bottom: 35px;}
.a{color:black;}
form {
padding: 12px;
margin: 0 auto;
width: 500px;
height: 600px;
border-style: outset;
border-width:10px;
background-color:#ff99cc;}
.error {color: #FF0000;}
</style>
</head>
<body>
<?php
// define variables and set to empty values
$nameErr = $emailErr = $genderErr = $websiteErr = "";
$name = $email = $gender = $comment = $website = "";
if ($_SERVER["REQUEST_METHOD"] == "POST") {
if (empty($_POST["name"])) {
$nameErr = "Name is required";
} else {
$name = test_input($_POST["name"]);
}
if (empty($_POST["email"])) {
$emailErr = "Email is required";
} else {
$email = test_input($_POST["email"]);
}
if (empty($_POST["website"])) {
$websiteErr = "College is required";
} else {
$website = test_input($_POST["website"]);
}
if (empty($_POST["gender"])) {
$genderErr = "Phone Number is required";
```

```php
} else {
$gender = test_input($_POST["gender"]);
}
}
function test_input($data) {
$data = trim($data);
$data = stripslashes($data);
$data = htmlspecialchars($data);
return $data;
}
?>
<form method="post" action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>">
<h2>PHP Form Validation Example</h2>
<p><span class="error">* required field</span></p>
Name:<br> <input type="text" name="name">
<span class="error">* <?php echo $nameErr;?></span>
<br><br>
E-mail:<br> <input type="text" name="email">
<span class="error">* <?php echo $emailErr;?></span>
<br><br>
College: <br><input type="text" name="website">
<span class="error">*<?php echo $websiteErr;?></span>
<br><br>
Phone Number: <br><input type="text" name="gender">
<span class="error">*<?php echo $genderErr;?></span>
<br><br>
Course: <br>
<span class="error">
<select id="inputCourse" class="form-control">
<option>Computer Science and Engineering</option>
<option>Mechanical Engineering</option>
<option>Civil Engineering</option>
<option>Agricultural Engineering</option>
<option>Electrical Engineering</option>
<option>Plastic and Polymer Engineering</option>
<option>Electronics and Computer Engineering</option>
<option>Artificial Intelligence and Data Science</option>
</select>
<br>
<br>
<span class="a">
<div class="form-group">
<div class="form-check">
```
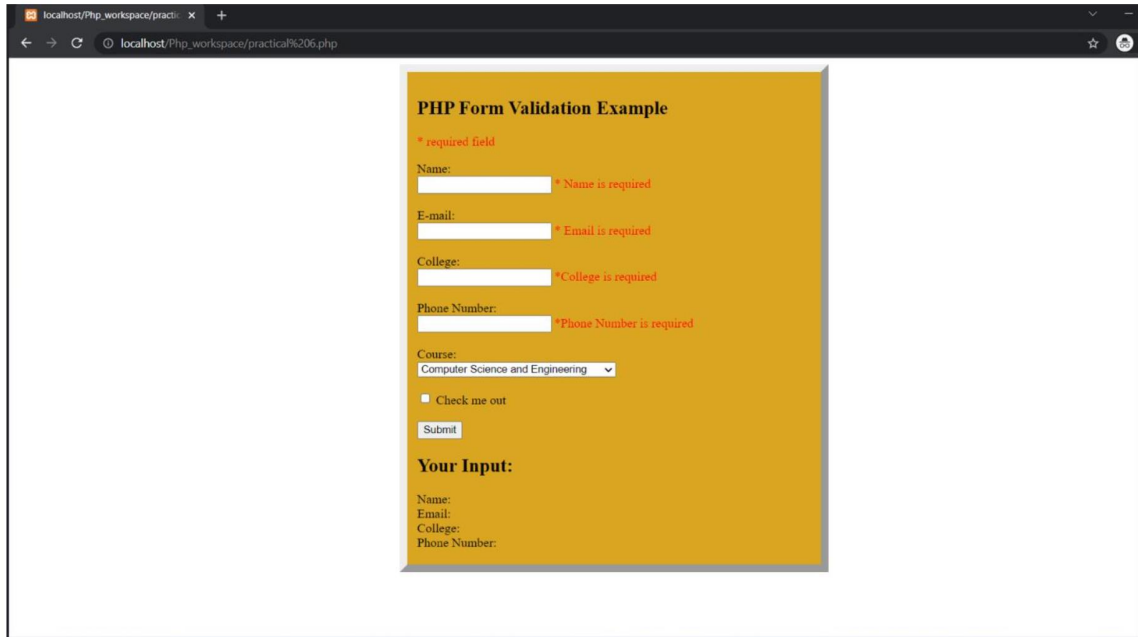
```
<input class="form-check-input" type="checkbox" id="gridCheck">
<label class="form-check-label" for="gridCheck">
Check me out
</label>
</div>
<br>
<input type="submit" name="submit" value="Submit">
</form>
<span class="a">
<?php
echo "<h2>Your Input:</h2>";
echo"Name:";
echo $name;
echo "<br>";
echo"Email:";
echo $email;
echo "<br>";
echo"College:";
echo $website;
echo "<br>";
echo"Phone Number:";
echo $gender;
?>
</body>
</html>
```

Output:-

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