13) php Form validation

php file:

```
<html>
<head>
<style>
.error{
color:red;}
</style>
</head>
<body>
<center>
<?php
$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 (!preg_match("/^[a-zA-Z-]*$/",$name)) {
$nameErr = "Only letters and white space allowed";
}
}
if (empty($_POST["email"])) {
$emailErr = "Email is required";
}else {
$email = test_input($_POST["email"]);
if (!filter_var($email, FILTER_VALIDATE_EMAIL)){
 $emailErr = "Invalid email format";
}
}
if (empty($_POST["gender"])){
$genderErr = "Gender is required";
}else {
$gender = test_input($_POST["gender"]);
}
}
function test_input($data) {
$data = trim($data);
$data = stripslashes ($data);
$data = htmlspecialchars($data);
return $data;
}
?>
<font color="black">
<h1> Form Validation </h1>
<p><span class="error">* required field</span></p>
<form method="post" action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>">
Name: <input type="text" name="name" placeholder="Enter name">
<span class="error">* <?php echo $nameErr;
?></span>
<br><br>
E-mail: <input type="text" name="email" placeholder="Enter email
address">
<span class="error">* <?php echo $emailErr;
?></span>
<br><br>
Gender:
<input type="radio" name="gender" value="female">Female
<input type="radio" name="gender" value="male">Male
<input type="radio" name="gender" value="other">Other
<span class="error">* <?php echo $genderErr;?></span>
<br><br>
<input type="submit" name="submit" value="Submit">
</form>
<br>
<?php
echo "<h2>Your Input:</h2>";
echo $name;
echo "<br>";
echo $email;
echo "<br>";
echo $gender;
?>
</font>
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<br><br>
Gender:
<input type="radio" name="gender" value="female">Female
<input type="radio" name="gender" value="male">Male
<input type="radio" name="gender" value="other">Other
<span class="error">* <?php echo $genderErr;?></span>
<br><br>
<input type="submit" name="submit" value="Submit">
</form>
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