**PHP FORM VALIDATION EXERCISE[BSIT/BTIT/BBIT JUNE 2021]**

<!DOCTYPE HTML>

<html>

<head>

<style>

.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"]);

// check if name only contains letters and whitespace

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"]);

// check if e-mail address is well-formed

if (!filter\_var($email, FILTER\_VALIDATE\_EMAIL)) {

$emailErr = "Invalid email format";

}

}

if (empty($\_POST["website"])) {

$website = "";

} else {

$website = test\_input($\_POST["website"]);

// check if URL address syntax is valid (this regular expression also allows dashes in the URL)

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

$websiteErr = "Invalid URL";

}

}

if (empty($\_POST["comment"])) {

$comment = "";

} else {

$comment = test\_input($\_POST["comment"]);

}

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;

}

?>

<h2>PHP Form Validation Example</h2>

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

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

Name: <input type="text" name="name" value="<?php echo $name;?>">

<span class="error">\* <?php echo $nameErr;?></span>

<br><br>

E-mail: <input type="text" name="email" value="<?php echo $email;?>">

<span class="error">\* <?php echo $emailErr;?></span>

<br><br>

Website: <input type="text" name="website" value="<?php echo $website;?>">

<span class="error"><?php echo $websiteErr;?></span>

<br><br>

Comment: <textarea name="comment" rows="5" cols="40"><?php echo $comment;?></textarea>

<br><br>

Gender:

<input type="radio" name="gender" <?php if (isset($gender) && $gender=="female") echo "checked";?> value="female">Female

<input type="radio" name="gender" <?php if (isset($gender) && $gender=="male") echo "checked";?> value="male">Male

<input type="radio" name="gender" <?php if (isset($gender) && $gender=="other") echo "checked";?> value="other">Other

<span class="error">\* <?php echo $genderErr;?></span>

<br><br>

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

</form>

<?php

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

echo $name;

echo "<br>";

echo $email;

echo "<br>";

echo $website;

echo "<br>";

echo $comment;

echo "<br>";

echo $gender;

?>

</body>

</html>