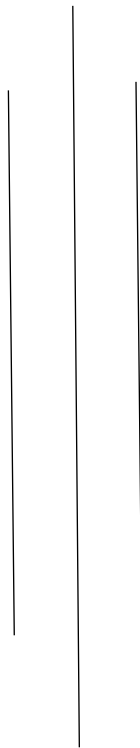




**LA GRANDEE INTERNATIONAL COLLEGE**  
**Simalchour – 8, Pokhara**



**ASSIGNMENT-1**

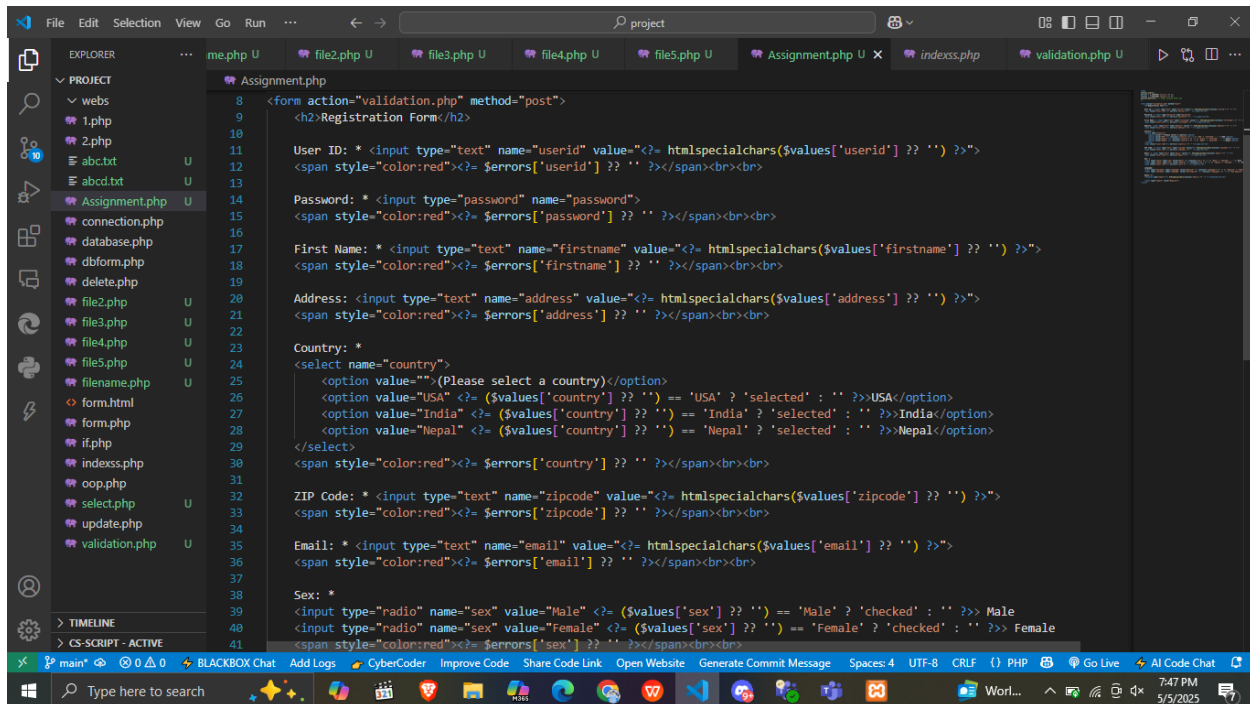
**WEB TECH-II**

**Name: Anish Paudel**

**Roll no: 4**

**Git hub repository: <https://github.com/anishpaudel225/Web-tech->**

# HTML form



The screenshot shows a Visual Studio Code editor with a project named 'project'. The Explorer sidebar on the left lists files including '1.php', '2.php', 'abc.txt', 'abcd.txt', 'Assignment.php', 'connection.php', 'database.php', 'dbform.php', 'delete.php', 'file2.php', 'file3.php', 'file4.php', 'file5.php', 'filename.php', 'form.html', 'form.php', 'if.php', 'indexss.php', 'oop.php', 'select.php', 'update.php', and 'validation.php'. The 'Assignment.php' file is open in the editor, displaying an HTML form with the following structure:

```
<form action="validation.php" method="post">
<h2>Registration Form</h2>

User ID: * <input type="text" name="userid" value="<?= htmlspecialchars($values['userid']) ?>"
<span style="color:red"><?= $errors['userid'] ?> ' ' ?></span><br><br>

Password: * <input type="password" name="password">
<span style="color:red"><?= $errors['password'] ?> ' ' ?></span><br><br>

First Name: * <input type="text" name="firstname" value="<?= htmlspecialchars($values['firstname']) ?>"
<span style="color:red"><?= $errors['firstname'] ?> ' ' ?></span><br><br>

Address: <input type="text" name="address" value="<?= htmlspecialchars($values['address']) ?>"
<span style="color:red"><?= $errors['address'] ?> ' ' ?></span><br><br>

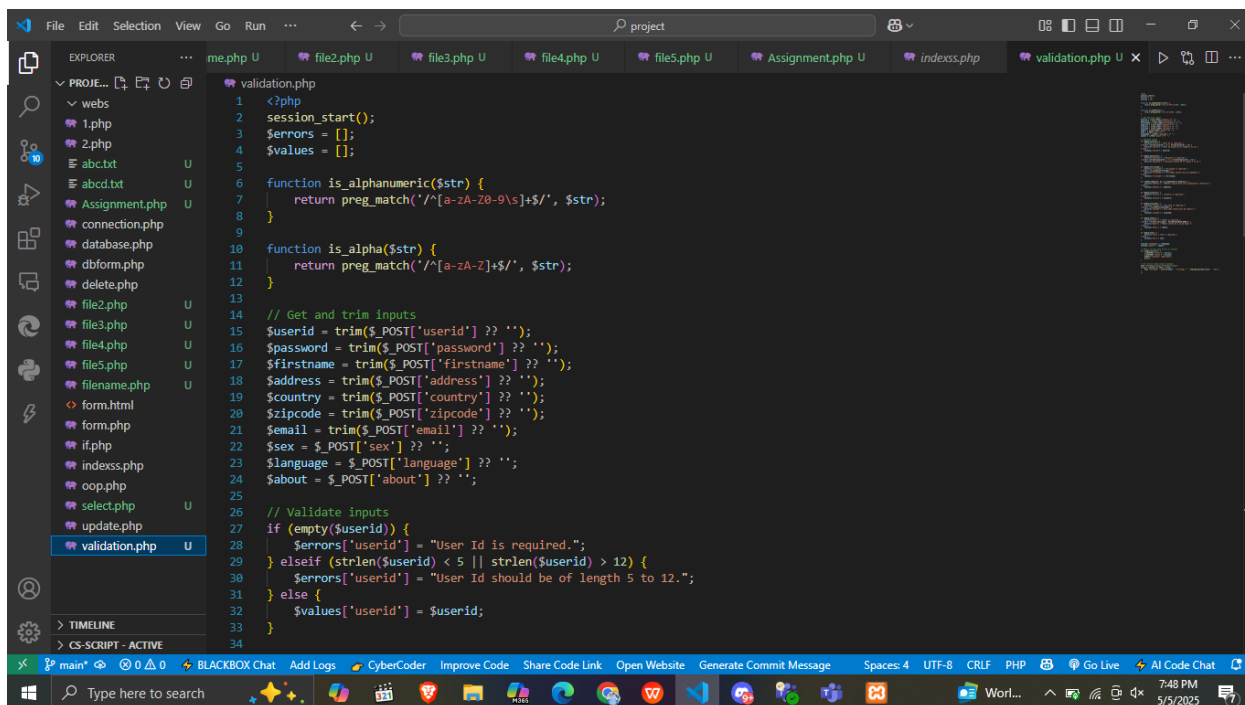
Country: *
<select name="country">
  <option value="">(Please select a country)</option>
  <option value="USA" <?= ($values['country']) ?> ' ' == 'USA' ? 'selected' : ' ' ?>>USA</option>
  <option value="India" <?= ($values['country']) ?> ' ' == 'India' ? 'selected' : ' ' ?>>India</option>
  <option value="Nepal" <?= ($values['country']) ?> ' ' == 'Nepal' ? 'selected' : ' ' ?>>Nepal</option>
</select>
<span style="color:red"><?= $errors['country'] ?> ' ' ?></span><br><br>

ZIP Code: * <input type="text" name="zipcode" value="<?= htmlspecialchars($values['zipcode']) ?>"
<span style="color:red"><?= $errors['zipcode'] ?> ' ' ?></span><br><br>

Email: * <input type="text" name="email" value="<?= htmlspecialchars($values['email']) ?>"
<span style="color:red"><?= $errors['email'] ?> ' ' ?></span><br><br>

Sex: *
<input type="radio" name="sex" value="Male" <?= ($values['sex']) ?> ' ' == 'Male' ? 'checked' : ' ' ?>> Male
<input type="radio" name="sex" value="Female" <?= ($values['sex']) ?> ' ' == 'Female' ? 'checked' : ' ' ?>> Female
<span style="color:red"><?= $errors['sex'] ?> ' ' ?></span><br><br>
```

- Validation code using PHP



The screenshot shows the 'validation.php' file open in the Visual Studio Code editor. The code implements PHP validation logic for the registration form:

```
<?php
session_start();
$errors = [];
$values = [];

function is_alphanumeric($str) {
    return preg_match('/^[a-zA-Z0-9\s]+$/i', $str);
}

function is_alpha($str) {
    return preg_match('/^[a-zA-Z]+$/i', $str);
}

// Get and trim inputs
$userid = trim($_POST['userid'] ?? '');
$password = trim($_POST['password'] ?? '');
$firstname = trim($_POST['firstname'] ?? '');
$address = trim($_POST['address'] ?? '');
$country = trim($_POST['country'] ?? '');
$zipcode = trim($_POST['zipcode'] ?? '');
$email = trim($_POST['email'] ?? '');
$sex = $_POST['sex'] ?? '';
$language = $_POST['language'] ?? '';
$about = $_POST['about'] ?? '';

// Validate inputs
if (empty($userid)) {
    $errors['userid'] = "User Id is required.";
} elseif (strlen($userid) < 5 || strlen($userid) > 12) {
    $errors['userid'] = "User Id should be of length 5 to 12.";
} else {
    $values['userid'] = $userid;
}
```

This screenshot shows the Visual Studio Code editor with the file `validation.php` open. The Explorer sidebar on the left lists the project structure, including files like `1.php`, `2.php`, `abc.txt`, `Assignment.php`, `connection.php`, `database.php`, `dbform.php`, `delete.php`, `file2.php`, `file3.php`, `file4.php`, `file5.php`, `filename.php`, `form.html`, `form.php`, `if.php`, `indexss.php`, `oop.php`, `select.php`, `update.php`, and `validation.php`. The main editor area displays the PHP code for `validation.php`, which includes validation logic for password, firstname, address, country, and zipcode. The code is as follows:

```
33 }
34
35 if (empty($password)) {
36     $errors['password'] = "Password is required.";
37 } elseif (strlen($password) < 7 || strlen($password) > 12) {
38     $errors['password'] = "Password should be of length 7 to 12.";
39 }
40
41 if (empty($firstname)) {
42     $errors['firstname'] = "Firstname is required.";
43 } elseif (!is_alpha($firstname)) {
44     $errors['firstname'] = "Firstname should only be alphabets.";
45 } else {
46     $values['firstname'] = $firstname;
47 }
48
49 if (!empty($address) && !is_alphanumeric($address)) {
50     $errors['address'] = "Address should have only alphanumeric characters.";
51 } else {
52     $values['address'] = $address;
53 }
54
55 if (empty($country)) {
56     $errors['country'] = "Country is required.";
57 } else {
58     $values['country'] = $country;
59 }
60
61 if (empty($zipcode)) {
62     $errors['zipcode'] = "Zip Code is required.";
63 } elseif (!is_numeric($zipcode)) {
64     $errors['zipcode'] = "Zip Code should only be numeric.";
65 } else {
66     $values['zipcode'] = $zipcode;
```

This screenshot shows the Visual Studio Code editor with the file `validation.php` open, displaying the continuation of the validation logic and the final output. The code is as follows:

```
69 if (empty($email)) {
70     $errors['email'] = "Email is required.";
71 } elseif (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
72     $errors['email'] = "Email should be a valid email.";
73 } else {
74     $values['email'] = $email;
75 }
76
77 if (empty($sex)) {
78     $errors['sex'] = "Sex is required.";
79 } else {
80     $values['sex'] = $sex;
81 }
82
83 $values['language'] = $language;
84 $values['about'] = $about;
85
86 // Return to form with errors or success
87 if (!empty($errors)) {
88     $_SESSION['errors'] = $errors;
89     $_SESSION['values'] = $values;
90     header("Location: index.php");
91     exit();
92 }
93
94 // No errors - show success message
95 echo "<h2>Registration Successful</h2>";
96 foreach ($values as $key => $val) {
97     echo "<strong>" . ucfirst($key) . "</strong>: " . htmlspecialchars($val) . "<br>";
98 }
99
100 ?>
```

- Output form

localhost8080/project/assignment.php

### Registration Form

User ID: \*

Password: \*

First Name: \*

Address:

Country: \*

ZIP Code: \*

Email: \*

Sex: \* ☐ Male ☐ Female

Language: ☐ English ☐ Non English

About:

- Validation Error occur

localhost8080/project/assignment.php

### Registration Form

User ID: \*  User Id should be of length 5 to 12.

Password: \*

First Name: \*

Address:

Country: \*

ZIP Code: \*  Zip Code should only be numeric.

Email: \*  Email should be a valid email.

Sex: \* ☒ Male ☐ Female

Language: ☒ English ☐ Non English

About: