**Lab12:PHP Basics & Form Validations**

**1PHP Basics**

<!DOCTYPE html>

<html>

<body>

<?php

/\*--------------------if-else Statement----------------------\*/

$d = date("19");

if ($d < "20") {

echo "Have a good day!<br>";

}

/\*------------------Switch Statement--------------------------- \*/

$favcolor = "red";

switch ($favcolor) {

case "red":

echo "Your favorite color is red!<br>";

break;

case "blue":

echo "Your favorite color is blue!<br>";

break;

case "green":

echo "Your favorite color is green!<br>";

break;

default:

echo "Your favorite color is neither red, blue, nor green!<br>";

}

/\* ----------------------while loop---------------------- \*/

$x = 1;

while($x <= 5) {

echo "The number is: $x <br>";

$x++;

}

/\*--------------------- For Loop----------------- \*/

for ($a = 100; $a <= 105; $a++) {

echo "The number is: $a <br>";

}

/\*----------------Php Function------------------\*/

function writeMsg() {

echo "Hello world Again!!!<br>";

}

writeMsg(); // call the function

/\*-------------Arrays-----------------\*/

$cars1 = array("Volvo", "BMW", "Toyota");

echo "I like " . $cars1[0] . ", " . $cars1[1] . " and " . $cars1[2] . ".";

/\*---------------Sort Arrays-----------\*/

echo "<br>";

$cars2 = array("Volvo", "BMW", "Toyota");

sort($cars2);

$clength = count($cars2);

for($x = 0; $x < $clength; $x++) {

echo $cars2[$x];

echo "<br>";

}

?>

</body>

</html>

**2 PHP Form Handling**

<html>

<body>

<form action="welcome.php" method="post">

Name: <input type="text" name="name"><br>

E-mail: <input type="text" name="email"><br>

<input type="submit">

</form>

</body>

</html>

**"welcome.php"**

<html>

<body>

Welcome <?php echo $\_POST["name"]; ?><br>

Your email address is: <?php echo $\_POST["email"]; ?>

</body>

</html>

**3 FormValidation**

<!DOCTYPE HTML>

<html>

<head>

</head>

<body>

<?php

// define variables and set to empty values

$name = $email = $gender = $comment = $website = "";

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

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

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

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

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

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

}

function test\_input($data) {

$data = trim($data);

$data = stripslashes($data);

$data = htmlspecialchars($data);

return $data;

}

?>

<h2>PHP Form Validation Example</h2>

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

Name: <input type="text" name="name">

<br><br>

E-mail: <input type="text" name="email">

<br><br>

Website: <input type="text" name="website">

<br><br>

Comment: <textarea name="comment" rows="5" cols="40"></textarea>

<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

<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>