



**Daffodil**  
*International*  
**University**

## Assignment-4

**Course Title :** Web Engineering Lab

**Course Code:** CSE-414

**Submitted To:**

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```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<?php
```

```
echo "My first php code implementation";
```

```
$color = "red";
```

```
echo "My car is " . $color . "<br>";
```

```
echo "My house is " . $COLOR . "<br>";
```

```
echo "My boat is " . $coLoR . "<br>";
$txt = "Hello world!";
$x = 5;
$y = 10.5;

echo $txt;
echo "<br>";
echo $x;
echo "<br>";
echo $y;
echo str_replace("world", "Dolly", "Hello world!");
echo(min(0, 150, 30, 20, -8, -200) . "<br>");
echo(max(0, 150, 30, 20, -8, -200));
function add_five(&$value) {
    $value += 5;
}

$num = 2;
add_five($num);
echo $num;
$cars = array("Volvo", "BMW", "Toyota");
echo count($cars);
$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;
```

```
$target_dir = "uploads/";
```

```
$target_file = $target_dir . basename($_FILES["fileToUpload"]["name"]);
$uploadOk = 1;
$imageFileType = strtolower(pathinfo($target_file,PATHINFO_EXTENSION));

// Check if image file is a actual image or fake image
if(isset($_POST["submit"])) {
    $check = getimagesize($_FILES["fileToUpload"]["tmp_name"]);
    if($check !== false) {
        echo "File is an image - " . $check["mime"] . ".";
        $uploadOk = 1;
    } else {
        echo "File is not an image.";
        $uploadOk = 0;
    }
}

// Check if file already exists
if (file_exists($target_file)) {
    echo "Sorry, file already exists.";
    $uploadOk = 0;
}

// Check file size
if ($_FILES["fileToUpload"]["size"] > 500000) {
    echo "Sorry, your file is too large.";
    $uploadOk = 0;
}

// Allow certain file formats
if($imageFileType != "jpg" && $imageFileType != "png" && $imageFileType != "jpeg"
&& $imageFileType != "gif" ) {
    echo "Sorry, only JPG, JPEG, PNG & GIF files are allowed.";
    $uploadOk = 0;
}
```

```
// Check if $uploadOk is set to 0 by an error
if ($uploadOk == 0) {
    echo "Sorry, your file was not uploaded.";
// if everything is ok, try to upload file
} else {
    if (move_uploaded_file($_FILES["fileToUpload"]["tmp_name"], $target_file)) { echo "The file ".
htmlspecialchars( basename( $_FILES["fileToUpload"]["name"])). " has been uploaded.";
    } else {
        echo "Sorry, there was an error uploading your file.";
    }
}

$servername = "localhost";
$username = "username";
$password = "password";

// Create connection
$conn = mysqli_connect($servername, $username, $password);

// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
echo "Connected successfully"

$servername = "localhost";
$username = "username";
$password = "password";
$dbname = "myDB";

// Create connection
$conn = mysqli_connect($servername, $username, $password, $dbname);
// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
```

```
// sql to create table
$sql = "CREATE TABLE MyGuests (
id INT(6) UNSIGNED AUTO_INCREMENT PRIMARY KEY,
firstname VARCHAR(30) NOT NULL,
lastname VARCHAR(30) NOT NULL,
email VARCHAR(50),
reg_date TIMESTAMP DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP
)";

if (mysqli_query($conn, $sql)) {
    echo "Table MyGuests created successfully";
} else {
    echo "Error creating table: " . mysqli_error($conn);
}

mysqli_close($conn)
?>
</body>
</html>
```