



DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING

---

## Title: PHP – Image Upload and Searching

---

WEB PROGRAMMING LAB  
CSE 302



GREEN UNIVERSITY OF BANGLADESH

# 1 Objective(s)

- To be familiar with images, and data searching using PHP.

## 2 Problem analysis

Some rules to follow for the HTML form above:

Make sure that the form uses method="post" The form also needs the following attribute: enctype="multipart/form-data". It specifies which content-type to use when submitting the form Without the requirements above, the file upload will not work.

## 3 Searching and image Upload Using PHP

### 3.1 Searching Using PHP

```
1 <?php
2 include_once('connection.php');
3 ?>
4
5
6 <form action="#" method="post">
7
8     Searched By Student's ID: <input type="text" name="id"/> </br>
9     <input type="submit" name="search" value="Search" />
10 </form>
11 <h1>Searched Data</h1>
12
13 <?php
14 if(isset($_POST['search'])) {
15
16     $id= $_POST['id'];
17     $sql= "SELECT id, st_name, st_dept FROM student WHERE id=$id";
18     $run =mysqli_query($mysqli,$sql);
19
20     echo '<table style="width:50%" border="2" >
21         <tr>
22             <th>ID</font> </th>
23             <th> Student Name</font> </th>
24             <th> Student Dept.</font> </th>
25         </tr>';
26
27     while ($row = mysqli_fetch_array($run)) {
28         $ID = $row["id"];
29         $Name = $row["st_name"];
30         $Dept = $row["st_dept"];
31
32         echo '<tr>
33             <td>' . $ID . ' </td>
34             <td>' . $Name . ' </td>
35             <td>' . $Dept . ' </td>
36         </tr>';
37     }
38 }
39 ?>
```

```

29 ▼ <form action="#" method="post">
30
31     Searched By Student's ID: <input type="text" name="id"/> </br>
32     <input type="submit" name="search" value="Search" />
33 </form>
34     <h1>Searched Data</h1>
35
36 ▼ <?php
37 ▼     if(isset($_POST['search'])) {
38
39         $id= $_POST['id'];
40         $sql= "SELECT id, st_name, st_dept FROM student WHERE id=$id";
41         $run =mysqli_query($mysqli,$sql);
42
43     echo '<table style="width:50%" border="2" >
44     <tr>
45         <th>ID</font> </th>
46         <th> Student Name</font> </th>
47         <th> Student Dept.</font> </th> |
48     </tr>';
49
50 ▼     while ($row = mysqli_fetch_array($run)) {
51         $ID = $row["id"];
52         $Name = $row["st_name"];
53         $Dept = $row["st_dept"];
54
55         echo '<tr>
56             <td>' . $ID . '</td>
57             <td>' . $Name . '</td>
58             <td>' . $Dept . '</td>
59             </tr>';
60     }
61 }
62 ?>

```

#### 4 Sample Input/Output (Compilation, Debugging & Testing)

Output:

Searched By Student's ID:

Search

ID	Student Name	Student Dept.
2	Raihan	CSE

ID	Student Name	Student Dept.	Update	Delete
1	Jahid	EEE	<a href="#">Update</a>	<a href="#">Delete</a>
2	Raihan	CSE	<a href="#">Update</a>	<a href="#">Delete</a>
4	Bappi	BBA	<a href="#">Update</a>	<a href="#">Delete</a>

5 Lab Task (Please implement yourself and show the output to the instructor)

6 Lab Exercise (Submit as a report)

- Image Upload Using PHP

```
1 //upload.php
2
3 <?php
4 session_start();
5 // Include the database configuration file
6 require_once './connection.php';
7
8 // If file upload form is submitted
9 $status = $statusMsg = '';
10 if(isset($_POST["submit"])){
11     $status = 'error';
12     if(!empty($_FILES["image"]["name"])) {
13         // Get file info
14         $fileName = basename($_FILES["image"]["name"]);
15         $fileType = pathinfo($fileName, PATHINFO_EXTENSION);
16
17         // Allow certain file formats
18         $allowTypes = array('jpg','png','jpeg','gif');
19         if(in_array($fileType, $allowTypes)){
20             $image = $_FILES['image']['tmp_name'];
21             $imgContent = addslashes(file_get_contents($image));
22             $name= $_POST["st_name"];
23             $dept= $_POST["st_dept"];
24
25             // Insert image content into database
26             $sql = "INSERT INTO 'student' ( 'st_name', 'st_dept', 'image' ) VALUES
27                 ('$name', '$dept', '$imgContent')";
28             $insert = $mysqli->query($sql);
29
30             if($insert){
```

```

30         $status = 'success';
31         header('location: ./file_upload.php');
32     }else{
33         $statusMsg = "File upload failed, please try again.";
34     }
35     }else{
36         $statusMsg = 'Sorry, only JPG, JPEG, PNG, & GIF files are allowed to
        upload.';
37     }
38     }else{
39         $statusMsg = 'Please select an image file to upload.';
40     }
41 }
42
43 // Display status message
44 echo $statusMsg;
45 ?>

```

```

1 // file_upload.php
2
3 <?php
4 include_once('connection.php');
5 ?>
6
7
8 <form action="upload.php" method="post" enctype="multipart/form-data">
9     <div> Student Name: <input type="text" name="st_name" value="" /> </br>
10         Student Dept.: <input type="text" name="st_dept" value="" />
11         </br>
12         File Upload:<input type="file" name="image" value="Uplaod File" /></br>
13         <input type="submit" name="submit" value="Submit" /></div>
14 </form>
15
16
17
18
19 <?php
20 $sql = "SELECT id, st_name, st_dept, image FROM student";
21 ?>
22 <table style="width:50%" border="2" >
23
24 <thead>
25     <tr>
26         <th>ID</font> </th>
27         <th> Student Name</font> </th>
28         <th> Student Dept.</font> </th>
29         <th> Image</font> </th>
30     </tr>
31 </thead>
32 <?php
33
34
35     if ($result = $mysqli->query($sql)) {
36         while ($row = $result->fetch_assoc()) {
37
38             ?>




```

```

39         <tr>
40             <td><?php echo $row['id']?> </td>
41             <td><?php echo $row['st_name']?> </td>
42             <td><?php echo $row['st_dept']?> </td>
43
44             <td> <?php echo ''; ?> </td>
45
46         </tr>
47     </tr>
48 }
49 ?>
50 </table>

```

## 6.1 PHP Create a MySQL Database for image upload

				id	st_name	st_dept	image
<input type="checkbox"/>		Edit	 Copy	 Delete	1 Jahid	EEE	[BLOB - 35.2 KiB]
<input type="checkbox"/>		Edit	 Copy	 Delete	5 Bappi	CSE	[BLOB - 20.3 KiB]

## 7 Policy

Copying from the internet, classmates, seniors, or from any other source is strongly prohibited. 100% marks will be *deducted* if any such copying is detected.