**Interfacing PHP with MYSQL**

**LAB: 07**

**Spring-22**

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**Task01:**

What is Difference between HTTP, GET and POST?. Give example where POST Method would be more suited as compared to GET.

**HTTP:**

**HTTP** stands for **H**yper **T**ext **T**ransfer **P**rotocol

**WWW** is about communication between web **clients** and **servers**

Communication between client computers and web servers is done by sending **HTTP Requests** and receiving **HTTP Responses**

**GET:**

GET method is used to appends form data to the URL in name or value pair. If you use GET, the length of URL will remain limited. It helps users to submit the bookmark the result. GET is better for the data which does not require any security or having images or word documents.

**POST:**

POST is a method that is supported by HTTP and depicts that a web server accepts the data included in the body of the message. POST is often used by World Wide Web to send user generated data to the web server or when you upload file.

**Give example where POST Method would be more suited as compared to GET.**

GET passes data in the URL, POST passes the same data in the HTTP content, both are exactly the same from a security standpoint (that is, completely insecure unless you do something about it yourself, like using HTTPS).

GET is limited by the maximum URL length supported by the browser and web server, so it can only be used in short forms.

From an HTTP standard viewpoint GET requests should not change the site and browsers/ spiders are much more likely to make GET requests on their own (without the user actually clicking something) then POST requests.

**Task02:**

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**Source Code:**

**Output:**

**Task03:**

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**Source Code:**

<!DOCTYPE html>

<html>

<head>

    <title>Image Upload</title>

    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/css/bootstrap.min.css">

    <link rel="stylesheet" type="text/css" href="style.css" />

</head>

<body>

    <div id="content">

        <form method="POST" action="" enctype="multipart/form-data">

            <div class="form-group">

                <input class="form-control" type="file" name="uploadfile" value="" />

            </div>

            <div class="form-group">

                <button class="btn btn-primary" type="submit" name="upload">UPLOAD</button>

            </div>

        </form>

    </div>

    <div id="display-image">

    <?php

        $query = " select \* from image ";

        $result = mysqli\_query($db, $query);

        while ($data = mysqli\_fetch\_assoc($result)) {

    ?>

        <img src="./image/<?php echo $data['filename']; ?>">

    <?php

        }

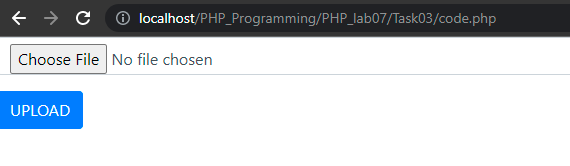
    ?>

    </div>

</body>

</html>

**Output:**



**Task04:**



**Source Code:**

**Header file:**

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <meta http-equiv="X-UA-Compatible" content="ie=edge">

  <title>Company DataBase Admin Panel</title>

  <link rel="stylesheet" href="css/style.css">

</head>

<body>

    <div id="wrapper">

        <div id="header">

            <h1>Welcome to the Admin Panel</h1>

        </div>

        <div id="menu">

            <ul>

                <li>

                    <a href="index.php">Home</a>

                </li>

                <li>

                    <a href="add.php">Add</a>

                </li>

                <li>

                    <a href="update.php">Update</a>

                </li>

                <li>

                    <a href="delete.php">Delete</a>

                </li>

            </ul>

        </div>

**Update File:**

<?php include 'header.php'; ?>

<div id="main-content">

    <h2>Edit Record</h2>

    <form class="post-form" action="" method="post">

        <div class="form-group">

            <label>Client Id</label>

            <input type="number" name="cid" />

        </div>

        <input class="submit" type="submit" name="showbtn" value="Show" />

    </form>

    <form class="post-form" action="" method="post">

        <div class="form-group">

            <label>Client ID</label>

            <input type="number" name="client\_id" value="" />

        </div>

        <div class="form-group">

            <label for="">Name</label>

            <input type="text" name="cname" value="" />

        </div>

        <div class="form-group">

            <label>Branch ID</label>

            <input type="number" name="bid" value="" />

        </div>

    <input class="submit" type="submit" value="Update"  />

    </form>

</div>

</div>

</body>

</html>

**Index file:**

<?php

include 'header.php';

?>

<div id="main-content">

    <h2>All Client Records</h2>

    <table cellpadding="7px">

        <thead>

        <th>Client ID</th>

        <th>Client Name</th>

        <th>Branch ID</th>

        </thead>

        <tbody>

            <tr>

                <td>Dummy Value</td>

                <td>Dummy value</td>

                <td>Dummy value</td>

            </tr>

        </tbody>

    </table>

</div>

</div>

</body>

</html>

**Add file:**

<?php include 'header.php'; ?>

<div id="main-content">

    <h2>Add New Record</h2>

    <form class="post-form" action="savedata.php" method="post">

        <div class="form-group">

            <label>Client ID</label>

            <input type="number" name="cid" />

        </div>

        <div class="form-group">

            <label>Client Name</label>

            <input type="text" name="cname" />

        </div>

        <div class="form-group">

            <label>Branch ID</label>

            <select name="class">

                <option value="" selected disabled>Select Branch</option>

                <option value="Dummy Data"><?php echo"This value should come from db"?></option>

                <option value="Dummy Data"><?php echo "This value should come from db"?></option>

                <option value="Dummy Data"><?php echo "This value should come from db"?></option>

            </select>

        </div>

        <input class="submit" type="submit" value="Save"  />

    </form>

</div>

</div>

</body>

</html>

**Delete file:**

<?php include 'header.php'; ?>

<div id="main-content">

    <h2>Delete Record</h2>

    <form class="post-form" action="" method="post">

        <div class="form-group">

            <label>Id</label>

            <input type="text" name="sid" />

        </div>

        <input class="submit" type="submit" name="deletebtn" value="Delete" />

    </form>

</div>

</div>

</body>

</html>

**CSS file:**

body{

    font:16px arial;

    margin: 0;

    padding: 0;

    background: #d1d1d1;

}

#wrapper{

    width: 1000px;

    margin: 50px auto 0;

    background-color: #fff;

}

#header{

    text-align: center;

    background-color: #800000;

    padding: 10px;

}

#header h1{

    color: #fff;

    font-size: 40px;

    font-style: italic;

    font-weight: 700;

    text-transform: uppercase;

    margin: 0;

}

#menu{

    background-color: #333;

}

#menu ul{

    font-size: 0;

    padding: 0 10px;

    margin: 0;

    list-style: none;

}

#menu ul li{

    display: inline-block;

}

#menu ul li a{

    color: #fff;

    font-size: 16px;

    font-weight: 600;

    padding: 8px 10px;

    display: block;

    text-decoration: none;

    text-transform: uppercase;

    transition: all 0.3s ease;

}

#menu ul li a:hover{

    background-color: rgba(255,255,255,0.2);

}

#main-content{

     padding: 25px;

    min-height: 400px;

}

#main-content h2{

    margin: 0 0 10px;

    text-transform: capitalize;

}

#main-content table{

    width: 100%;

    background-color: #555;

    margin: 0 0 20px;

}

#main-content table th{

    color: #fff;

    background-color: #333;

    text-transform: uppercase;

}

#main-content table th:last-child{

    width: 130px;

}

#main-content table td{

    background-color: #fff;

}

#main-content table td a{

    font-size: 14px;

    font-weight: 600;

    text-transform: uppercase;

    padding: 3px 7px;

    color: #fff;

    background-color: #e67e22;

    text-decoration: none;

    border-radius: 3px;

}

#main-content table td a:nth-child(2){

    background-color: #e74c3c;

    margin: 0 0 0 5px;

}

#main-content .post-form{

    width: 50%;

    padding: 25px;

    margin: 0 auto;

    background-color: #f5f5f5;

    border-radius: 10px;

}

#main-content .post-form .form-group{

    margin: 0 0 15px;

}

#main-content .post-form .form-group label{

    width: 30%;

    display: inline-block;

    font-weight: 600;

}

#main-content .post-form .form-group input,

#main-content .post-form .form-group select{

    font-size: 16px;

    width: 66%;

    display: inline-block;

    padding: 5px;

    margin: 0;

}

#main-content .post-form .form-group select{

    width: 69%;

}

#main-content .post-form .submit{

    font-size: 17px;

    letter-spacing: 1px;

    text-transform: uppercase;

    padding: 5px 10px;

    color: #fff;

    background-color: #333;

    border: none;

    border-radius: 5px;

    margin: 0 0 0 30%;

    cursor: pointer;

    transition: all 0.3s;

}

#main-content .post-form .submit:hover{

    box-shadow: 0 0 5px #555;

}

#main-content .pagination{

    padding: 0;

    margin: 0;

    list-style: none;

}

#main-content .pagination li{

    display: inline-block;

}

#main-content .pagination li a{

    height: 30px;

    width: 30px;

    line-height: 30px;

    font-size: 18px;

    text-align: center;

    text-decoration: none;

    color: #fff;

    background-color: #1abc9c;

    display: block;

    margin: 0 5px 0 0;

    transition: all 0.3s;

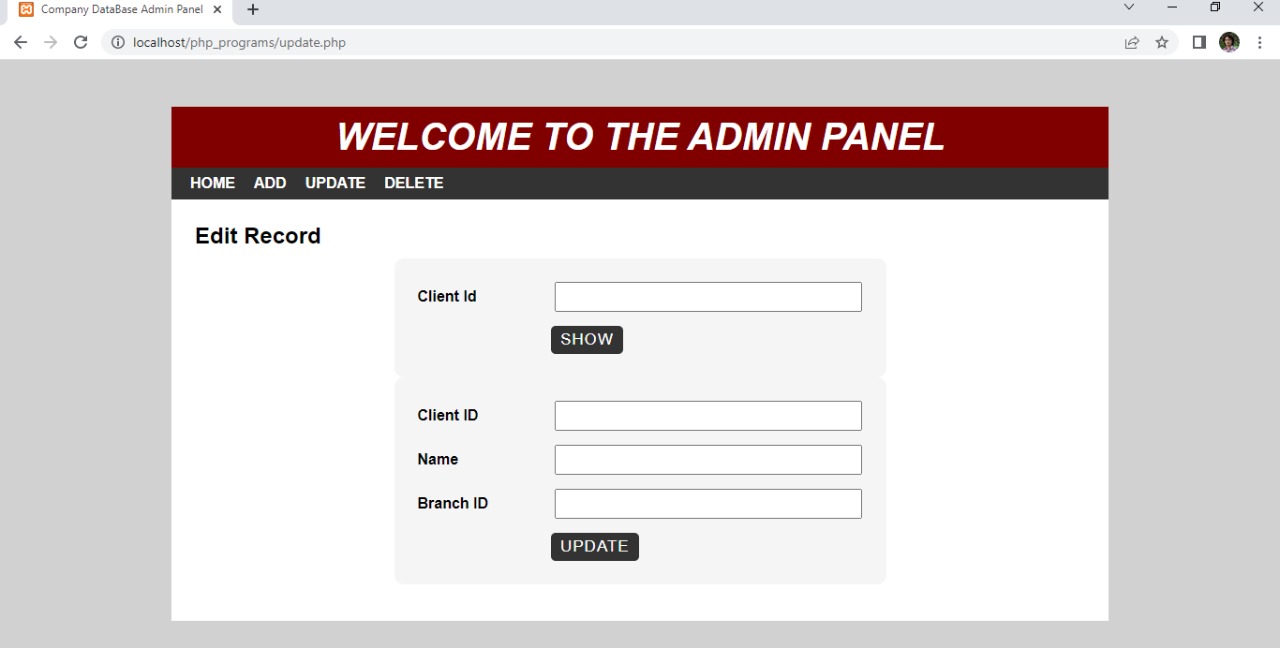
}

#main-content .pagination li a:hover{

    background-color: #333;

}

**Output:**

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