

**GANPAT UNIVERSITY**  
**U.V. PATEL COLLEGE OF ENGINEERING**

B.Tech 6th Semester CE/IT  
2CEIT6PE1: Web Technology

**Practical-7**

**Aim: Perform following programs of PHP with database.**

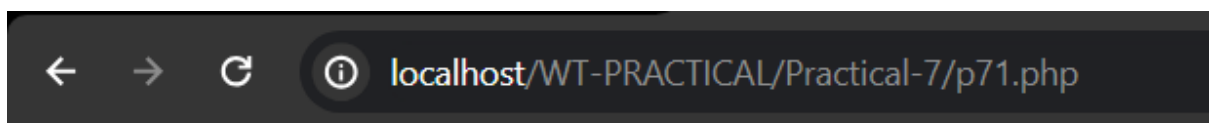
**Exercise-1:**

How do you create a connection between PHP and MySQL explain its step by step Procedure?

**Code:**

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "Pr7";
$conn = mysqli_connect($servername, $username, $password, $dbname);
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
echo "Connected successfully";
$sql = "create table student1 (id INT AUTO_INCREMENT, name VARCHAR(20) NOT
NULL, enrollment INT NOT NULL, primary key (id))";
if(mysqli_query($conn, $sql)){
    echo "Student table created successfully";
}else{
    echo "Could not create table: ". mysqli_error($conn);
}
mysqli_close($conn);
?>
```

**Output:**

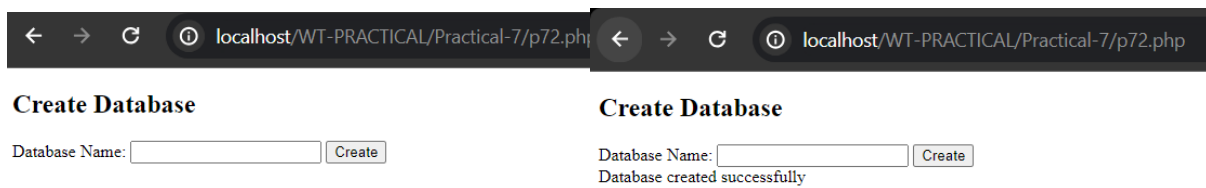


**Exercise-2:**

Write a PHP Program to create database at run time by passing database name in text box.

**Code:**

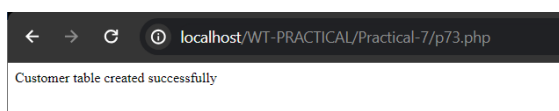
```
<!DOCTYPE html>
<html>
<head>
    <title>Create Database</title>
</head>
<body>
<h2>Create Database</h2>
<form method="post" action="">
    Database Name: <input type="text" name="dbname">
    <input type="submit" name="submit" value="Create">
</form>
<?php
if ($_SERVER["REQUEST_METHOD"] == "POST" && isset($_POST['submit'])) {
    // Collect database name from the form
    $dbname = $_POST['dbname'];
    // Database connection parameters
    $servername = "localhost";
    $username = "root";
    $password = "";
    // Create connection
    $conn = mysqli_connect($servername, $username, $password);
    // Check connection
    if (!$conn) {
        die("Connection failed: " . mysqli_connect_error());
    }
    // Create database
    $sql = "CREATE DATABASE IF NOT EXISTS $dbname";
    if (mysqli_query($conn, $sql)) {
        echo "Database created successfully";
    } else {
        echo "Error creating database: " . mysqli_error($conn);
    }
    // Close connection
    mysqli_close($conn);
}
?>
</body>
</html>
```

**Output:****Exercise-3:**

Write a PHP Program to create Customer table at run time with C\_Id, C\_name, Name\_Item\_purchased and review\_product fields.

**Code:**

```
<?php
// Database connection parameters
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "Pr7";
// Create connection
$conn = mysqli_connect($servername, $username, $password, $dbname);
// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
// SQL to create customer table
$sql = "CREATE TABLE IF NOT EXISTS Customer1 (
    C_Id INT(6) UNSIGNED AUTO_INCREMENT PRIMARY KEY,
    C_name VARCHAR(30) NOT NULL,
    Name_Item_purchased VARCHAR(50) NOT NULL,
    review_product TEXT
)";
if(mysqli_query($conn, $sql)) {
    echo "Customer table created successfully";
} else {
    echo "Error creating table: " . mysqli_error($conn);
}
// Close connection
mysqli_close($conn);
?>
```

**Output:**

**Exercise-4:**

Write a PHP program to create 'customer feedback form' and store data into Customer table.

**Code:**

```
<!DOCTYPE html>
<html>
<head>
    <title>Customer Feedback Form</title>
</head>
<body>
<h2>Customer Feedback Form</h2>
<form method="post" action="">
    <label for="name">Name:</label><br>
    <input type="text" id="name" name="name"><br>
    <label for="item">Item Purchased:</label><br>
    <input type="text" id="item" name="item"><br>
    <label for="review">Review:</label><br>
    <textarea id="review" name="review" rows="4" cols="50"></textarea><br><br>
    <input type="submit" name="submit" value="Submit">
</form>
<?php
// Check if form is submitted
if ($_SERVER["REQUEST_METHOD"] == "POST" && isset($_POST['submit'])) {
    // Retrieve form data
    $name = $_POST['name'];
    $item = $_POST['item'];
    $review = $_POST['review'];
    // Database connection parameters
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "Pr7";
    // Create connection
    $conn = mysqli_connect($servername, $username, $password, $dbname);
    // Check connection
    if (!$conn) {
        die("Connection failed: " . mysqli_connect_error());
    }
    // SQL query to insert feedback into Customer table
    $sql = "INSERT INTO Customer (C_name, Name_Item_purchased, review_product)
VALUES ('$name', '$item', '$review')";
    // Execute query
    if (mysqli_query($conn, $sql)) {
        echo "Feedback submitted successfully";
    }
}
```

```

    } else {
        echo "Error: " . $sql . "<br>" . mysqli_error($conn);
    }
    // Close connection
    mysqli_close($conn);
}
?>
</body>
</html>

```

### Output:

The image shows two side-by-side browser screenshots of a web page titled 'Customer Feedback Form'. The browser address bar shows 'localhost/WT-PRACTICAL/Practical-7/p74.php'.  
 The left screenshot shows the form with the following inputs:  
 Name: Tirth  
 Item Purchased: Water Bottle  
 Review: It's Very good  
 A 'Submit' button is at the bottom.  
 The right screenshot shows the same form after submission. The 'Submit' button is now disabled, and a message 'Feedback submitted successfully' is displayed below it.

### Exercise-5:

Write a PHP program to display information of Customer table with well formatting (table form) on output screen.

#### Code:

```

<!DOCTYPE html>
<html>
<head>
    <title>Customer Information</title>
    <style>
        table {
            border-collapse: collapse;
            width: 100%;
        }
        th, td {
            border: 1px solid black;
            padding: 8px;
            text-align: left;
        }
        th {
            background-color: #f2f2f2;
        }
    </style>

```

```
</head>
<body>
<h2>Customer Information</h2>
<table>
  <tr>
    <th>C_Id</th>
    <th>C_name</th>
    <th>Name_Item_purchased</th>
    <th>Review_product</th>
  </tr>
  <?php
    // Database connection parameters
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "Pr7";
    // Create connection
    $conn = mysqli_connect($servername, $username, $password, $dbname);
    // Check connection
    if (!$conn) {
        die("Connection failed: " . mysqli_connect_error());
    }
    // SQL query to select all records from Customer table
    $sql = "SELECT * FROM Customer";
    $result = mysqli_query($conn, $sql);
    // Check if there are records
    if (mysqli_num_rows($result) > 0) {
        // Output data of each row
        while($row = mysqli_fetch_assoc($result)) {
            echo "<tr>";
            echo "<td>" . $row["C_Id"] . "</td>";
            echo "<td>" . $row["C_name"] . "</td>";
            echo "<td>" . $row["Name_Item_purchased"] . "</td>";
            echo "<td>" . $row["review_product"] . "</td>";
            echo "</tr>";
        }
    } else {
        echo "<tr><td colspan='4'>No records found</td></tr>";
    }
    mysqli_close($conn);
  ?>
</table>
</body>
</html>
```

**Output:****Customer Information**

C_Id	C_name	Name_Item_purchased	Review_product
1	Tirth	Water Bottle	Good