

Initial Steps:

1. Open your browser and type in this URL: **127.0.0.1** or <http://localhost>
2. Go to phpMyAdmin table
3. Create a database with any name you like. But keep in mind, we will need this database name in our PHP code. So try to keep it simple with no spaces in between.
4. Under that database, create a table named "Student" with three columns named Name, ID, CGPA with data types Text, Text and Double respectively.
5. Since your table creation is done, it's time to connect to this database through PHP code.
6. Go to: C drive -> xampp -> htdocs
7. Create your project folder here.
8. We will be keeping all our project files in this folder.

Database Connection:

```
<?php
$servername = "localhost";
$username = "root"; #User name
$password = ""; #Password set for the user
$dbname= "lab_06"; #Give your database name
// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
echo "Connected successfully"
?>
```

Data Insertion:

```
<?php
include 'DBConnection.php';
echo "<br>";

$sql = "INSERT INTO Student (Name, ID, CGPA)
VALUES ('Alice', '42453465', '3.94')";

if ($conn->query($sql) == TRUE) {
    echo "New record created successfully";
} else {
    echo "Error: " . $sql . "<br>" . $conn->error;
```

```
}  
$conn->close();  
?>
```

HTML form for data collection:

```
<html>  
<body>  
<h1>A small example page to insert some data in to the MySQL database using  
PHP</h1>  
<form action="DBInsertion_from_Form.php" method="post">  
Name: <input type="text" name="name" /><br><br>  
ID: <input type="text" name="id" /><br><br>  
CGPA: <input type="double" name="cg" /><br><br>  
<input type="submit"/>  
</form>  
</body>  
</html>
```

Data Insertion from Form:

```
<?php  
include 'DBConnection.php';  
echo "<br>";  
$name = $_POST['name'];  
$ID = $_POST['id'];  
$cg = $_POST['cg'];  
echo $name." ".$ID." ".$cg ;  
echo "<br>";  
  
$sql = "INSERT INTO Student (Name, ID, CGPA)  
VALUES ('$name', '$ID', '$cg')";  
  
if ($conn->query($sql) == TRUE) {  
    echo "New record created successfully";  
} else {  
    echo "Error: " . $sql . "<br>" . $conn->error;  
}  
$conn->close();  
?>
```