Example (MySQLi Object-Oriented)

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password);  
  
// Check connection  
if ($conn->connect\_error) {  
    die("Connection failed: " . $conn->connect\_error);  
}   
echo "Connected successfully";  
?>

### Example (MySQLi Procedural)

<?php  
$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";  
?>

## Create a MySQL Database Using MySQLi

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password);  
// Check connection  
if ($conn->connect\_error) {  
    die("Connection failed: " . $conn->connect\_error);  
}   
  
// Create database  
$sql = "CREATE DATABASE myDB";  
if ($conn->query($sql) === TRUE) {  
    echo "Database created successfully";  
} else {  
    echo "Error creating database: " . $conn->error;  
}  
  
$conn->close();  
?>

# PHP Create MySQL Tables

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
$dbname = "myDB";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password, $dbname);  
// Check connection  
if ($conn->connect\_error) {  
    die("Connection failed: " . $conn->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  
)";  
  
if ($conn->query($sql) === TRUE) {  
    echo "Table MyGuests created successfully";  
} else {  
    echo "Error creating table: " . $conn->error;  
}  
  
$conn->close();  
?>

# PHP Insert Data Into MySQL

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
$dbname = "myDB";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password, $dbname);  
// Check connection  
if ($conn->connect\_error) {  
    die("Connection failed: " . $conn->connect\_error);  
}   
  
$sql = "INSERT INTO MyGuests (firstname, lastname, email)  
VALUES ('John', 'Doe', 'john@example.com')";  
  
if ($conn->query($sql) === TRUE) {  
    echo "New record created successfully";  
} else {  
    echo "Error: " . $sql . "<br>" . $conn->error;  
}  
  
$conn->close();  
?>

# PHP Get ID of Last Inserted Record

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
$dbname = "myDB";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password, $dbname);  
// Check connection  
if ($conn->connect\_error) {  
    die("Connection failed: " . $conn->connect\_error);  
}   
  
$sql = "INSERT INTO MyGuests (firstname, lastname, email)  
VALUES ('John', 'Doe', 'john@example.com')";  
  
if ($conn->query($sql) === TRUE) {  
    $last\_id = $conn->insert\_id;  
    echo "New record created successfully. Last inserted ID is: " . $last\_id;  
} else {  
    echo "Error: " . $sql . "<br>" . $conn->error;  
}  
  
$conn->close();  
?>

# PHP Insert Multiple Records Into MySQL

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
$dbname = "myDB";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password, $dbname);  
// Check connection  
if ($conn->connect\_error) {  
    die("Connection failed: " . $conn->connect\_error);  
}   
  
$sql = "INSERT INTO MyGuests (firstname, lastname, email)  
VALUES ('John', 'Doe', 'john@example.com');";  
$sql .= "INSERT INTO MyGuests (firstname, lastname, email)  
VALUES ('Mary', 'Moe', 'mary@example.com');";  
$sql .= "INSERT INTO MyGuests (firstname, lastname, email)  
VALUES ('Julie', 'Dooley', 'julie@example.com')";  
  
if ($conn->multi\_query($sql) === TRUE) {  
    echo "New records created successfully";  
} else {  
    echo "Error: " . $sql . "<br>" . $conn->error;  
}  
  
$conn->close();  
?>

# PHP Select Data From MySQL

<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
$dbname = "myDB";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password, $dbname);  
// Check connection  
if ($conn->connect\_error) {  
    die("Connection failed: " . $conn->connect\_error);  
}   
  
$sql = "SELECT id, firstname, lastname FROM MyGuests";  
$result = $conn->query($sql);  
  
if ($result->num\_rows > 0) {  
    // output data of each row  
    while($row = $result->fetch\_assoc()) {  
        echo "id: " . $row["id"]. " - Name: " . $row["firstname"]. " " . $row["lastname"]. "<br>";  
    }  
} else {  
    echo "0 results";  
}  
$conn->close();  
?>