

# PHP MySQL Insert Multiple Records

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## Insert Multiple Records Into MySQL Using MySQLi and PDO

Multiple SQL statements must be executed with the mysqli\_multi\_query() function.

The following examples add three new records to the "MyGuests" table:

## Example (MySQLi Object-oriented)

Get your own PHP Server

```
<?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');";
```

Note that each SQL statement must be separated by a semicolon.

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## Example (MySQLi Procedural)

```
<?php
$servername = "localhost";
$username = "username";
$password = "password";
$dbname = "myDB";</pre>
```

```
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   if (!$conn) {
     die("Connection failed: " . mysqli_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');";
   $sql .= "INSERT INTO MyGuests (firstname, lastname, email)
   VALUES ('Julie', 'Dooley', 'julie@example.com')";
   if (mysqli_multi_query($conn, $sql)) {
     echo "New records created successfully";
   } else {
     echo "Error: " . $sql . "<br>" . mysqli_error($conn);
   }
```

The PDO way is a little bit different:

## Example (PDO)

mysqli\_close(\$conn);

```
<?php
$servername = "localhost";
$username = "username";
$password = "password";
$dbname = "myDBPDO";

try {
    $conn = new PDO("mysql:host=$servername;dbname=$dbname", $username,
$password);
    // set the PDO error mode to exception
    $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);

// begin the transaction
$conn->beginTransaction();
```



```
VALUES ('Mary', 'Moe', 'mary@example.com')");
$conn->exec("INSERT INTO MyGuests (firstname, lastname, email)
VALUES ('Julie', 'Dooley', 'julie@example.com')");

// commit the transaction
$conn->commit();
echo "New records created successfully";
} catch(PDOException $e) {
  // roll back the transaction if something failed
$conn->rollback();
echo "Error: " . $e->getMessage();
}

$conn = null;
```

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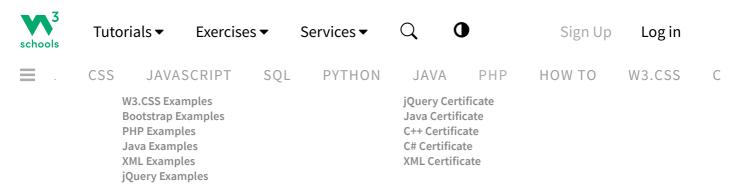
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