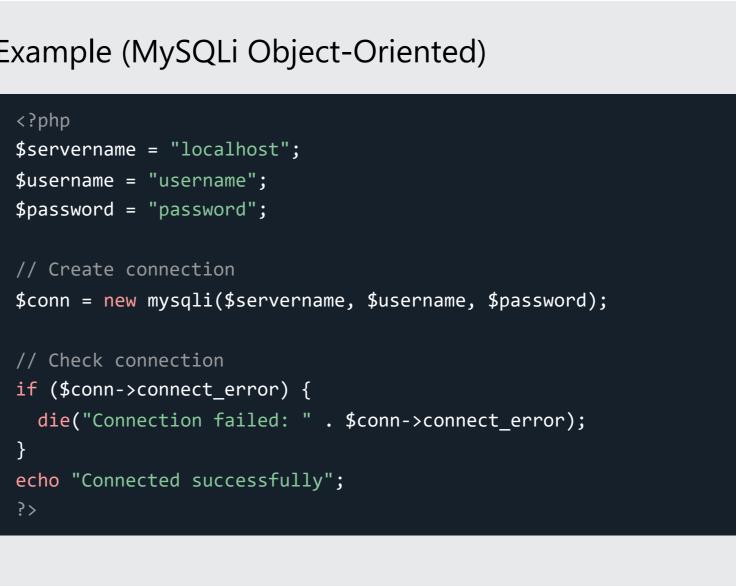
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\$connect_error was broken until PHP 5.2.9 and 5.3.0. If you need to ensure

compatibility with PHP versions prior to 5.2.9 and 5.3.0, use the following

die("Database connection failed: " . mysqli_connect_error());

Note on the object-oriented example above:

code instead:

<?php

?>

specified, an exception is thrown.

Close the Connection

connection before, use the following:

MySQLi Object-Oriented:

first catch(){ } block.

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// Check connection

if (mysqli_connect_error()) {

Example (MySQLi Procedural)

\$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";
  ?>
Example (PDO)
  <?php
 $servername = "localhost";
 $username = "username";
 $password = "password";
 try {
   $conn = new PDO("mysql:host=$servername;dbname=myDB", $username,
 $password);
   // set the PDO error mode to exception
   $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
   echo "Connected successfully";
 } catch(PDOException $e) {
   echo "Connection failed: " . $e->getMessage();
```

Note: In the PDO example above we have also **specified a database**

(myDB). PDO require a valid database to connect to. If no database is

Tip: A great benefit of PDO is that it has an exception class to handle any

problems that may occur in our database queries. If an exception is thrown

within the try{ } block, the script stops executing and flows directly to the

\$conn->close();

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The connection will be closed automatically when the script ends. To close the

```
MySQLi Procedural:
 mysqli_close($conn);
PDO:
 $conn = null;
```

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