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PHP Exception Handling: Exercises, Practice, Solution

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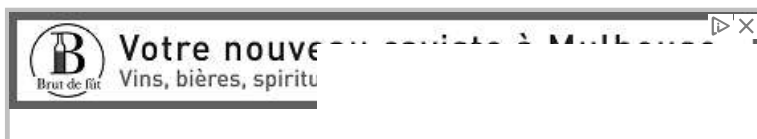
PHP Error and Exception Handling [10 exercises with solution]

[*An editor is available at the bottom of the page to write and execute the scripts.* Go to the editor (https://www.w3resource.com/php-exercises/exception-handling/index.php#EDITOR)]

The following exercises should provide an effective foundation for practicing error handling and exception handling in PHP. Remember to provide solutions along with exercises for your users to learn from.

1. Write a PHP program that demonstrates the basic usage of try-catch blocks to handle exceptions.
Click me to see the sample solution (https://www.w3resource.com/php-exercises/exception-handling/php-exception-handling-exercise-1.php)

2. Write a PHP program that creates a custom exception class in PHP and throw an instance of it within a try block.
Click me to see the sample solution (https://www.w3resource.com/php-exercises/exception-handling/php-exception-handling-exercise-2.php)

3. Write a PHP program that implements a PHP function that divides two numbers but throws an exception if the denominator is zero.
Click me to see the sample solution (https://www.w3resource.com/php-exercises/exception-handling/php-exception-handling-exercise-3.php)

4. Write a PHP script that uses try-catch blocks to handle different types of exceptions and display appropriate error messages.
Click me to see the sample solution (https://www.w3resource.com/php-exercises/exception-handling/php-exception-handling-exercise-4.php)

5. Write a PHP program that reads data from a file and throws a custom exception if the file does not exist.
Click me to see the sample solution (https://www.w3resource.com/php-exercises/exception-handling/php-exception-handling-exercise-5.php)

6. Write a PHP function that takes a string as input and throws an exception if the string is empty.
Click me to see the sample solution (https://www.w3resource.com/php-exercises/exception-handling/php-exception-handling-exercise-6.php)

7. Write a PHP program that implements multiple catch blocks to handle different types of exceptions.
Click me to see the sample solution (https://www.w3resource.com/php-exercises/exception-handling/php-exception-handling-exercise-7.php)

8. Write a PHP program that simulates a database connection and throws an exception if it fails.
Click me to see the sample solution (https://www.w3resource.com/php-exercises/exception-handling/php-exception-handling-exercise-8.php)

9. Write a PHP script that implements the use of the finally block in exception handling.
Click me to see the sample solution (https://www.w3resource.com/php-exercises/exception-handling/php-exception-handling-exercise-9.php)

10. Write a PHP program that uses a try-catch block to handle a specific exception and performs specific actions based on the exception type.
Click me to see the sample solution (https://www.w3resource.com/php-exercises/exception-handling/php-exception-handling-exercise-10.php)

PHP Code Editor:

More to Come !

Do not submit any solution of the above exercises at here, if you want to contribute go to the appropriate exercise page.

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