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## PHP classes - Exercises, Practice, Solution

Last update on May 30 2023 12:55:23 (UTC/GMT +8 hours)



### PHP classes [7 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/php-class-exercises.php#editorr>)

1. Write a simple PHP class which displays the following string.

'MyClass class has initialized !'

Click me to see the solution (<https://www.w3resource.com/php-exercises/php-class-exercise-1.php>)

**2.** Write a simple PHP class which displays an introductory message like "Hello All, I am Scott", where "Scott" is an argument value of the method within the class.

Click me to see the solution (<https://www.w3resource.com/php-exercises/php-class-exercise-2.php>)

**3.** Write a PHP class that calculates the factorial of an integer.

Click me to see the solution (<https://www.w3resource.com/php-exercises/php-class-exercise-3.php>)

**4.** Write a PHP class that sorts an ordered integer array with the help of sort() (<https://www.w3resource.com/php/function-reference/sort.php>) function.

*Sample array :* array(11, -2, 4, 35, 0, 8, -9)

*Output :* Array ( [0] => -9 [1] => -2 [2] => 0 [3] => 4 [4] => 8 [5] => 11 [6] => 35 )

Click me to see the solution (<https://www.w3resource.com/php-exercises/php-class-exercise-4.php>)

**5.** Calculate the difference between two dates using PHP OOP approach.

*Sample Dates :* 1981-11-03, 2013-09-04

*Expected Result :* Difference : 31 years, 10 months, 1 days

Click me to see the solution (<https://www.w3resource.com/php-exercises/php-class-exercise-5.php>)

**6.** Write a PHP Calculator class which will accept two values as arguments, then add them, subtract them, multiply them together, or divide them on request.

*For example :*

```
$mycalc = new MyCalculator( 12, 6);
```

```
echo $mycalc-> add(); // Displays 18
```

```
echo $mycalc-> multiply(); // Displays 72
```

Click me to see the solution (<https://www.w3resource.com/php-exercises/php-class-exercise-6.php>)

**7.** Write a PHP script to convert a string to Date and DateTime.

*Sample Date :* '12-08-2004'

*Expected Output :* 2004-12-08

Note : PHP considers '/' to mean m/d/Y format and '-' to mean d-m-Y format.

Click me to see the solution (<https://www.w3resource.com/php-exercises/php-class-exercise-7.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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Kotlin Exercises practice with solution (<https://www.w3resource.com/kotlin-exercises/index.php>)

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SQL Subqueries (<https://www.w3resource.com/sql/subqueries/understanding-sql-subqueries.php>)

Adventureworks Database Exercises (<https://www.w3resource.com/sql-exercises/adventureworks/index.php>)

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SQL COUNT() with distinct (<https://www.w3resource.com/sql/aggregate-functions/count-with-distinct.php>)

JavaScript String Exercises (<https://www.w3resource.com/javascript-exercises/javascript-string-exercises.php>)

JavaScript HTML Form Validation (<https://www.w3resource.com/javascript/form/javascript-form-validation.php>)

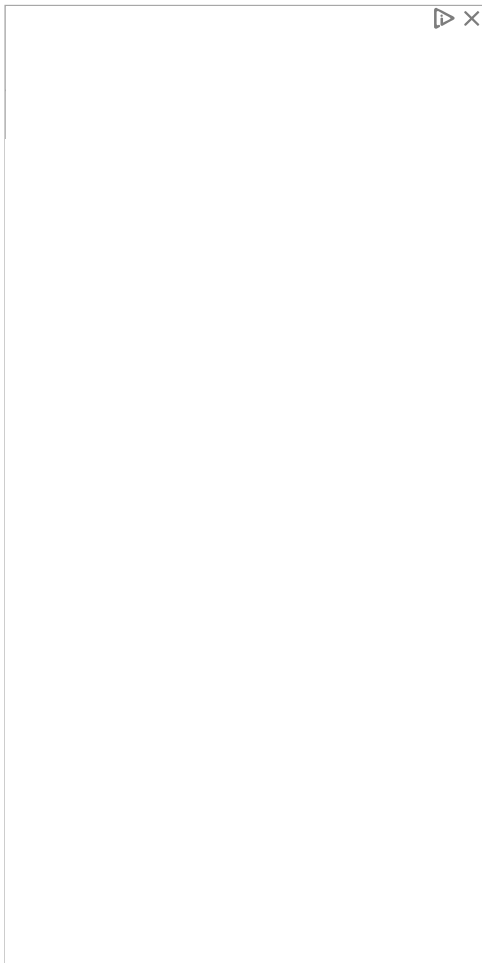
Java Collection Exercises (<https://www.w3resource.com/java-exercises/collection/index.php>)

SQL COUNT() function (<https://www.w3resource.com/sql/aggregate-functions/count-function.php>)

SQL Inner Join (<https://www.w3resource.com/sql/joins/perform-an-inner-join.php>)

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