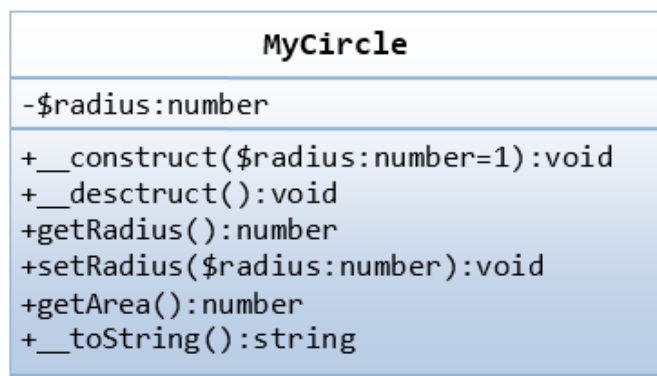


MVC Design pattern in PHP

1. Write a simple PHP class which displays the following string.
"MyClass class has initialized!"
2. Write a simple PHP class which displays an introductory message like "Hello All, I am **Chirag**", where "**Chirag**" is an argument value of the method within the class.
3. Write a PHP class that calculates the factorial of an integer.
(Hint : use constructor() and result() method. Constructor will take argument as integer number and result() will display factorial of an integer number. Program should be handle exception also.)
4. Write a PHP class that sorts an ordered integer array with the help of sort() 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)
(Hint : use constructor() and do_sort() method. Constructor will take argument as array and do_sort() will sort an array. Program should be handle exception also.)
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
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. Program should be handle exception also.
For example :
\$mycalc = new MyCalculator(12, 6);
echo \$mycalc->add(); // Displays 18
echo \$mycalc->multiply(); // Displays 72
7. Understand / Follow class diagram and calculate the Area of Circle using PHP OOP approach.



8. Calculate the Area of Square using PHP OOP approach.
9. Calculate the Area of Triangle using PHP OOP approach.
10. Calculate the Area of Rectangle using PHP OOP approach.