

Forum:[Hack Forums](#)

Thread: [\[OOP\]Method function not calling object in Class](#)

OneandonlySunny™ - April 21, 2020, 11:38 pm

i am calling ceo->getname function method , its generating error too few arguments
on the other hand getsalary calling is working here, i am learning this from Beginning PHP and MySQL

From Novice to Professional (Authors: Gilmore, W Jason) EBOOK.

Could u kindly explain this matter to me & do correction in my error

here's the code if u want to run. PHP Code

```
<?php
class emp2{
    private $name;
    private $salary;

    function setname($name){
        $this->name = $name;
    }
    function getname(){
        return $this->name;
    }

    function setsalary($salary){
        $this->salary = $salary;
    }
    function getsalary(){
        return $this->salary;
    }
}
class executive1 extends emp2{
    function pillagecompany(){
        $this->setsalary($this->getsalary() * 10);
    }
}
class ceo extends executive1{
    function facelift(){
        echo "<br/>Nip Nip tuck tuck!";
    }
}

$ceo = new ceo();
$ceo->setname("Bunnie");
$ceo->setsalary("50000");
$ceo->pillagecompany();
```

```
$ceo->facelift();  
printf("Bunny's Salary is : ".$ceo->getsalary()."\n<br/>");  
printf("Name is : %d".$ceo->getname());
```

Exalted - April 22, 2020, 12:44 am

This should work:

PHP Code

```
<?php  
printf("Bunny's Salary is : %d", $ceo->getsalary() . "\n<br />");  
printf("Name is : %s", $ceo->getname());
```

Your code didn't work because you specified a signed decimal integer with %d, but getName() returns a string, so you should use %s. However, you did not give any arguments as you used dots instead of commas.

I suggest that you check out the [printf reference on php.net](http://php.net/printf).

Backbone - April 22, 2020, 1:03 am

On your printf, you use %d instead of %s. Refer to the above comment.

OneandonlySunny™ - April 22, 2020, 7:29 am

(Apr 22, 2020 12:44 AM)Exalted Wrote: [\[CITE\]](#) This should work:

PHP Code

```
<?php  
printf("Bunny's Salary is : %d", $ceo->getsalary() . "\n<br />");  
printf("Name is : %s", $ceo->getname());
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Your code didn't work because you specified a signed decimal integer with %d, but getName() returns a string, so you should use %s. However, you did not give any arguments as you used dots instead of commas.

I suggest that you check out the [printf reference on php.net](http://php.net/printf).

(Apr 22, 2020 01:03 AM)Backbone Wrote: [\[CITE\]](#) On your printf, you use %d instead of %s. Refer to the above comment.

thanks , i understand . but i got a question

This one works with dot(.)

Code printf("Bunny's Salary is : ".\$ceo->getsalary()."\n
");

but this one doesn't , why ?

Code printf("Name is : %d".\$ceo->getname());

Nachfolger - April 22, 2020, 7:58 am

(Apr 22, 2020 07:29 AM)OneandonlySunny™ Wrote: [\[CITE\]](#) thanks , i understand . but i got a question

This one works with dot(.)

Code printf("Bunny's Salary is : ".\$ceo->getsalary()."\n
");

but this one doesn't , why ?

Code printf("Name is : %d".\$ceo->getname()); You don't seem to be understanding this at all. A period (.) concatenates two strings together. A comma (,) is a parameter separator (in THIS case). When you provide a placeholder for printf, you MUST provide the variable to replace the placeholder with. Also, I'm fairly certain you were already told not to use %d for emp::getname.

PHP Code

```
<?php
```

```
printf("Name is : %s", $ceo->getname()); // Name is : <name>
```

I SERIOUSLY urge you to read the documentation on [printf](#). Especially when you're copying/pasting code that you don't understand.

By the way, it's 2020... [PLEASE USE MODERN CAPABILITIES](#).

PHP Code

```
<?php
```

```
class emp2 {
```

```
    private $name;
```

```
    private $salary;
```

```
    /**
```

```
     * Set employee name
```

```
     *
```

```
     * @param string name
```

```
     * @return none
```

```
     * @throws TypeError
```

```
 */
```

```
    public function setname(string $name) : void {
```

```
        $this->name = $name;
```

```
    }
```

```
    /**
```

```
     * Get employee name
```

```
     *
```

```
     * @param none
```

```
     * @return string name
```

```
     * @throws TypeError
```

```
 */
```

```
    function getname() : string {
```

```
        return $this->name;
```

```
    }
```

```
    /**
```

```
     * Set employee salary
```

```
     *
```

```
     * @param string salary
```

```
     * @return none
```

```
     * @throws TypeError
```

```
 */
```

```
    function setsalary(string $salary) : void {
```

```
        $this->salary = $salary;
```

```
    }
```

```
    /**
```

```
     * Get employee salary
```

```
     *
```

```
     * @param none
```

```
     * @return string salary
```

```
     * @throws TypeError
```

```
 */
```

```
    function getsalary() : string {
```

```
    return $this->salary;
}
}
```

* Typehinting

PS, salary being a string makes zero sense whatsoever and your function names make me wanna die.

With love,
Nachfolger.

Charger - April 22, 2020, 7:59 am

(Apr 22, 2020 07:29 AM)OneandonlySunny™ Wrote: [\[CITE\]](#) thanks , i understand . but i got a question

This one works with dot(.)

Code `printf("Bunny's Salary is : ".$ceo->getsalary()."\n<br/>");`
but this one doesn't , why ?

Code `printf("Name is : %d".$ceo->getname());` printf takes a formatted string (ex hello %s where %s is world)

You have a couple options:

1. change all of your printf to print or echo and to print multiple strings just concat them with a "."
2. change all of your printf to have string placeholders (%s) in them.

youlded - has1 - April 22, 2020, 8:01 am

printf is a function that takes a format (hence why its called f) and replaces the placeholders in this format for actual values.

%d is replaced by a numeric argument, %s is replaced by a string, and so on.

You can take a look at all the options here:

<https://www.php.net/manual/en/function.printf.php>

(Apr 22, 2020 07:29 AM)OneandonlySunny™ Wrote: [\[CITE\]](#) This one works with dot(.)

Code `printf("Bunny's Salary is : ".$ceo->getsalary()."\n<br/>");`

Yes, that works because you first concatenate two strings and then print format it.

You did not specify any placeholders (%s, %d, etc), so there is nothing to replace and the format function is just printing your format as-is

(Apr 22, 2020 07:29 AM)OneandonlySunny™ Wrote: [\[CITE\]](#) but this one doesn't , why ?

Code `printf("Name is : %d".$ceo->getname());`

What you are doing here is you are calling the printf function with this format

Code `Name is : %d` Bunnie

You have 1 placeholder, but you are not providing the argument that this placeholder should be replaced with.

You need to provide this 1 argument that this placeholder will be replaced with

Disease - April 22, 2020, 5:36 pm

OP sends me a PM two days ago asking this very question. I point out the error being that they

mistyped a period where it should be a comma to separate parameters in the printf() function. No response. Now I look and a day after I responded to his PM, he makes this thread and demonstrates a general unwillingness to properly read the responses. Much as he did with my PM.

This, ladies and gentlemen, is textbook on why we don't answer PMs asking for help. I should've ignored his PM like I have done with basically every other one I've received over the years.

Charger - April 22, 2020, 8:43 pm

(Apr 22, 2020 05:36 PM)Disease Wrote: [\[CITE\]](#) This, ladies and gentlemen, is textbook on why we don't answer PMs asking for help. I should've ignored his PM like I have done with basically every other one I've received over the years.

????

[Nachfolger](#) and I get messages all the frickin time.

OneandonlySunny™ - April 22, 2020, 10:54 pm

Thanks everyone , i clearly understand now this matter . Although i am practicing & learning, if i get stuck again i would come to get your help again. Thanks again.