

# php code for magic constant

Topics : [PHP Programs](#)

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PHP magic constant like `__CLASS__`, `__TRAIT__`, `__METHOD__`, `__NAMESPACE__`

**Example :**

```
<?php
namespace PHPCODE;
echo "Printing at line number " . __LINE__ . "<br>";
?>

<?php

echo "Print full path of file : " . __FILE__ . "<br>";
?>

<?php
echo "Print full path of directory : " . __DIR__ . "<br>";
?>

<?php
//Using magic constant inside function.
function get_func(){
echo 'The function name is ' . __FUNCTION__ . "<br>";
}
get_func();

?>

<?php
//Get Class name using magic constant __CLASS__
class ARYATECHNO
{
public function __construct() { }
function getClass_name(){
echo "Class name is " . __CLASS__ . "<br>";
}
}
$obj = new ARYATECHNO;
```

```
$obj->getClassName();  
?>
```

```
<?php  
//prints name of the trait  
trait get_Trait {  
function print_trait(){  
echo "Name of the trait :".__TRAIT__. "<br>";  
}  
}  
class ARYATECH {  
use get_Trait;  
}  
$obj = new ARYATECH;  
$obj->print_trait();  
?>
```

```
<?php  
//Get method name using magic constants  
class MAGIC {  
public function __construct() {  
  
echo "Method name is ".__METHOD__ . "<br>";  
}  
public function get_method(){  
  
echo "Method name is ".__METHOD__."<br>";  
}  
}  
$obj = new MAGIC;  
$obj->get_method();  
?>
```

```
<?php  
//Get namespace name using magic constants  
  
class package {  
public function __construct() {  
echo 'Namespace name is '.__NAMESPACE__."<br>";  
}  
}  
  
$obj = new package;  
?>
```

```
<?php  
  
class CLASSA {  
}  
echo "Get class name : ".CLASSA::class."<br>";
```

**Output :**

*Printing at line number 3*

*Print full path of file : /home/aryatech/public\_html/example/264.php*

*Print full path of directory : /home/aryatech/public\_html/example*

*The function name is PHPCODE\get\_func*

*Class name is PHPCODE\ARYATECHNO*

*Name of the trait :PHPCODE\get\_Trait*

*Method name is PHPCODE\MAGIC::\_construct*

*Method name is PHPCODE\MAGIC::get\_method*

*Namespace name is PHPCODE*

*Get class name : PHPCODE\CLASSA*

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