

Function → What is ?

Block of code
chunk of code

Pre Define

User Define

Syntax

function

}

Para
fname () {

Sum

DRY

- ① Takes Nothing Returns Nothing
- ② Takes Nothing Returns Something
- ③ Takes Something Returns Nothing.
- ④ Takes Something Returns Something.

Takes Nothing Returns Nothing

```
function f1()  
{  
    echo "Hello PHP";  
}
```

→ empty

—
No Return Statement

~~Define~~

0 references

```
function sum(){  
    $a=10;  
    $b=5;  
    $c=$a+$b;  
    echo "Sum is" . $c;  
}
```

```
f1();
```

1 reference

```
function sum(){
```

```
    $a=10;
```

```
    $b=5;
```

```
    $c=$a+$b;
```

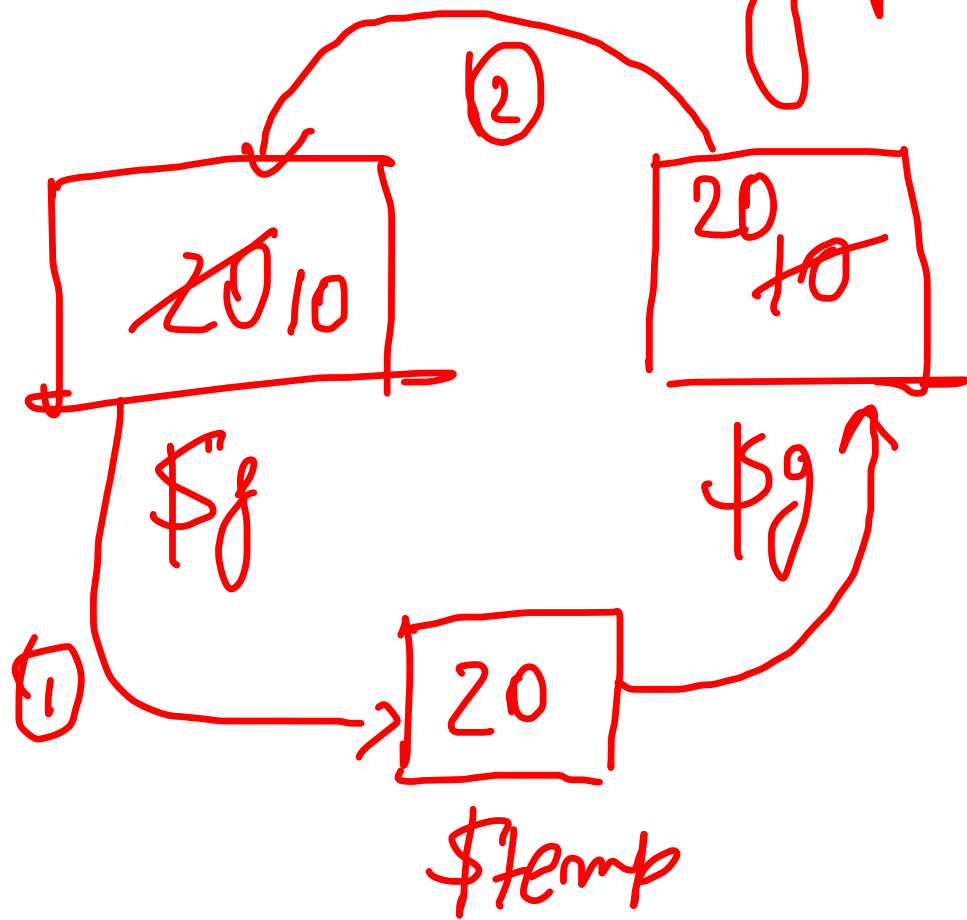
```
    echo "Sum is ".$c;
```

```
}
```

```
sum();
```

Swap two numbers using 3rd variable.

using function.



```
$temp = $f;  
$f = $g;  
$g = $temp;
```

Takes NOTHING Returns Something

```
51 1 reference
52 function sub() {
53     $num1=10;
54     $num2=5;
55     $res = $num1- $num2;
56     return $res;
57 }
58
59 $r=sub();
60 echo "sub is" . $r;
61
62 ?>
```

function
name

$m1 = 10$

$m2 = 5$

$res = 5$

(5)
sub()

$\$r = sub();$

5
r

1 reference

```
function sub(){  
    $num1=10;  
    $num2=5;  
    $res = $num1- $num2;  
    // return $res; ✓  
    // return $num1-$num2; ✓  
    // return $num1,$num2; ✗  
}
```

```
$r=sub();  
echo "sub is".$r;
```

Takes Something Returns Nothing

function f(\$a) {

}

```
68 2 references
69 function mult($a,$b){
70     $r = $a*$b;
71     echo "Mult:$r";
72     echo "Mult: ".$r;
73 }
74
75 mult(40,20);
76
77 $k=20;
78 $h=10;
79 mult($k,$h);
80
```

Takes Something

800

Input

20

\$k

10

\$h

Input

Takes Something Returns Something

```
5
6 <?php
    1 reference      30 10
    function div($a,$b){
7         $d = $a/$b; 3
8         return $d;
9     }
10     $result = div(30,10);
11     echo "<br>Res: ".$result;
12
13 ?>
```

Res: 3