

# Passing Argument by Reference



## PASS BY VALUE

In PHP, function arguments are passed by value by default. When a variable is passed as an argument to a function, a copy of the variable's value is made, and any changes made to the parameter within the function do not affect the original variable outside the function.

## PASS BY REFERENCE

In PHP, you can pass function arguments by reference, meaning that the function receives a reference to the original variable instead of a copy of its value. This allows the function to directly modify the original variable. To pass an argument by reference, we use the & symbol in the function definition and when calling the function.

# Different types of function arguments in PHP

## Passing arguments by value

```
function greet($msg) {  
  
  
}
```

```
$message="Hey";  
greet($message);
```

## Passing arguments by reference

```
function greet(&$msg) {  
  
  
}
```

```
$message="Hey";  
greet($message);
```

# Different types of function arguments in PHP

## Passing arguments by value

```
function greet($msg) {  
    $msg="Good morning";  
}  
  
$message="Hey";  
greet($message);  
echo $message;
```

Hey

# Different types of function arguments in PHP

Passing arguments by reference

```
function greet(&$msg) {  
    $msg="Good morning";  
}  
  
$message="Hey";  
greet($message);  
echo $message;
```

Good morning