

Variables in PHP

Variables are like a container to store data.

Variables in php starts with Dollar sign (\$).

Example:

```
$a = "Hello";  
$b = 50;  
$c = 10.50;  
?>
```

OUTPUT:

```
Hello  
50  
10.50
```

In the above example , there are 3 variables a,b,c which holds values "Hello","50" and"10.50" respectively.

Rules to declare a variable:

- A variable starts with the \$ sign, followed by the name of the variable
- A variable name must start with a letter or the underscore character
- A variable name cannot start with a number
- A variable name can only contain alphanumeric characters and underscores (A-z, 0-9, and _)

- Variable names are case-sensitive (\$age and \$AGE are two different variables)

Since PHP is a case-sensitive language make sure that your variables are properly used.



We use 'echo' or 'print' keyword to print a variable.

Example:

```
$a = "easyexamnotes.com";  
echo " This is $a";  
?>
```



PHP has three different variable scopes:

- Local
- Global
- Static

Global Variable:

A variable declared outside a function has a GLOBAL SCOPE and can only be accessed outside a function:

Example :

```
$a = 10; // global scope  
function fun() {  
    // using x inside this function will generate an error
```

```
echo "Variable a in the function is: $a  
  
";  
}  
fun();  
echo "Variable a outside function is: $a  
  
";  
?>
```

OUTPUT :

Variable a in the function is:
Variable a outside function is: 50

Local Variable:

A variable declared within a function has a LOCAL SCOPE and can only be accessed within that function:

Example

```
function fun() {  
    $a = "Hii.."; // local scope  
    echo "Variable a in the function is: $a  
  
";  
}  
fun();  
// using a outside the function will generate an error
```

```
echo "Variable a outside function is: $a
```

```
“;  
?>
```

OUTPUT :

Variable a inside function is: Hii..

Variable a outside function is:

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