

PHP

First PHP program

```
<html>
<body>
<?php
echo "My first PHP script!";
?>
</body>
</html>
```

In PHP, a variable starts with the \$ sign, followed by the name of the variable:

```
<?php
$txt = "Total";
$x = 10;
$y = 8.7;
echo "$txt"." is".$x+$y
?>
```

SCOPE: Local, Global, Static

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

```
<?php
$x=10;
function myfunc()
{
    //ERROR
    echo "Inside function".$x;
}
myfunc();

//NO ERROR , <br> is for newline
echo "<br>Outside function".$x;
?>
```

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

```
<?php
function myfunc()
{
    $x=10;
    //NO ERROR
    echo "Inside function".$x;
}

myfunc();

    //ERROR
    echo "<br>Outside function".$x;

?>
```

Global variables are also accessible from function using \$GLOBALS[] array

```
<?php
$x = 20;
$y = 10;

function myfunc() {
    $GLOBALS['y'] = $GLOBALS['x'] + $GLOBALS['y'];
}

myfunc();
echo $y; // outputs 15
?>
```

When variables are declared static, these are not deleted

```
<?php
function myfunc() {
    static $x = 0;
    echo $x;
    $x++;
}

myfunc();
myfunc();
myfunc();
?>
```