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.

[redacted]

We use ‘echo’ or ‘print’ keyword to print a variable.

Example:

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

[redacted]

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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