PHP term, hint, and main points

* PHP is case sensitive
* All variables names are case sensitive
* don’t need declare a variable before use, it’s created when assign a value to the variables
* variable start with “$“ (dollar sign)
  + start with letter or underscore character
  + can’t start with number
  + case sensitive
* print or echo output the result (text or value etc…)
  + “echo” return 0 value; can take mulit-parameter
  + “print” return 1 value; can take only one parameter
* Using dot to connect text and variable (eg. echo “text” . $varibaleName . “connected”).
* Variable Scope (thress types)
  + Local (use for within function)
  + Global (use in whole program)
  + Static (can reuse if calling the function, the value still remain in the function)
* String
  + length for string strlen (eg. echo strlen(“Hello World”); // output 12
* Constant – global (can’t changed after assign a value to it)
  + A valid constant start with character or underscore (no $ sign before the constant name)
  + Syntax – define (name, value, case-insensitive) – default is false for case-insensitive
* Arithmetic operator
  + \*\* Exponentiation (eg. $x \*\* $y ) = xy (php 5.6)
* Switch
  + Switch (parameter) {

case Label1:

code if parmeter = Label1;

break;

case Label2:

code if parmeter = Label2;

default :

code to be executed if n is different from all labels;

* Foreach
  + foreach ($arrayName as $itemInArray) {

code to be executed

}

* Functions – Not case-sensitive
  + function function name() {}

code to be executed;

}

* Array
  + **Indexed arrays –** Arrays with a numberic index
    - eg. $ car = array(“Volvo”, “BMW”, “Toyota”);
  + **Associative arrays –** Arrays with named keys
    - eg. $age = array (“Peter”=>”35”, “Ben”=>”37”, “Joe”=>”43”);
  + **Mulitdimensional arrays –** Arrays containing one or more arrays
  + count()