**MODULE – 3 (Core PHP)**

1. What will be the values of $a and $b after the code below is executed?  
   Explain your answer.  
   $a = '1';  
   $b = &$a;  
   $b = "2$b";

Ans: - $a is variable having string as type and contain 1 as value, $b is reference of $a so if we change the value of $b that value of $a is changed automatically because both having the same value.

So $b = '2$b' = '21' = $a .

1. How can you tell if a number is even or odd without using any Condition or  
   loop?

Ans: - Using modulo (%) operator: This is the simplest method of checking for even and odd and in this method, we simply check whether the number is divisible by 2 or not using the modulo ‘%’ operator.

1. How can you declare the array (all type) in PHP? Explain with example

Ans: - You can easily declare an array in PHP by using the PHP array(). There are three types of an array in PHP that are given below.

Indexed or Numeric Arrays: Array that stores data in a variable with numeric index values.

Associative Arrays: Array that stores data in a variable with a string index.

Multidimensional Arrays: Array that contains one or more than one arrays in a single variable.

1. Get random values from array

Ans: - There are two functions to get random value out of an array in PHP. The shuffle() and array\_rand() function is used to get random value out of an array.