**Module 3 - Core PHP**

1. Write a PHP program to enter marks of five subjects Physics, Chemistry, Biology, Mathematics and Computer, calculate percentage and grade by if else.
2. Write a PHP program for find „Thursday‟ in week using switch Function.
3. Write a PHP program to check Leap years between 1901 to 2016 Using nested if.
4. Write a PHP program to find the largest of three numbers using ternary Operator.
5. Write a program in PHP to print Fibonacci series. 0, 1, 1, 2, 3, 5, 8, 13, 21, 34
6. Write a program to find whether a number is Armstrong or not.
7. Write a program to print the below format :

5 9

2610

3711

4812

1. Write a program for this Pattern:

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**<?php**

**$rows = 5;**

**$columns = 5;**

**for ($i = 1; $i <= $rows; $i++) {**

**for ($j = 1; $j <= $columns; $j++) {**

**if ($i == 1 || $i == $rows || $j == 1) {**

**echo "\*";**

**} else {**

**echo "&nbsp;&nbsp;";**

**}**

**}**

**echo "<br>";**

**}**

**?>**

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";

1. How can you tell if a number is even or odd without using any Condition or loop?
2. How can you declare the array (all type) in PHP? Explain with example Covert a JSON string to array.
3. Write program to remove duplicate values from array
4. Get random values from array
5. Write a PHP script which decodes the following JSON string.
6. Use a for loop to total the contents of an integer array called numbers which has five elements. Store the result in an integer called total.
7. Declare a Multi Dimensioned array of floats called balances having Three rows and five columns.