Assignments for PHP & Mysql Level 1

I) Echo PHP Function, PHP Variables, If and Switch Statements

1. Create a page evenodd.php into root directory of your local web server. Here, write a script for finding out whether it is an odd number or even number and echo on the screen. The following numbers set can be taken as input: 11, 23, 72 and 44.

   Ex. The number 11 is an odd number.

2. Create a page vowel.php into root directory of your local web server. Write in the script for determining whether or not the character associated with a variable is Vowel or a Consonant. If its a Vowel echo out the name of the vowel otherwise echo out its a Consonant. Use Switch for this script.

II) PHP Operators

1. Write a PHP Script to declare 2 variables with specific numeric value of your choice and Perform the following operations: Addition, Subtraction, Multiplication and Division. Also echo out the Result on the screen.

2. Write a PHP Script to declare 2 variables with specific numeric value of your choice and find out the greater number between the two. If the numbers are equal, the respective message must appear on the screen.

III) Arrays

1. Declare an array week and assign the value of the days to each index number in the order of occurrence and echo the result on the screen.

2. Write a PHP script to add the two 2x2 Matrices and output the result.

IV) Loops

1. Write a PHP Script to print the following pattern on the Screen:

   *****
   ****
   ***
   **
   *

2. Declare an array variable "x" assigning it with three elements "one, two and three" and Use for each loop to print the values of the given array.
V) **Functions**

1. Declare and define a function named `writeName` and within it echo out: Ramachandra. Now call the function to retrieve the following output: My name is Ramachandra.

2. Declare a function named `writeName2` with a parameter `$firstname` and define it by echoing out: `$firstname." Sharma"`. Now call the function to retrieve the following output:

   My name is Jai Sharma

   My brother's name is Ram Sharma

   Note: Use `writeName2` function to write the names on screen.

VI) **PHP Special Variables and PHP and HTML**

1. If the three sides of a triangle are entered by the user, write a program to check whether the triangle is isosceles, equilateral, scalene or right angled triangle. Use the ‘Get’ method to post the form.

2. Create a php page and create a user form which asks for marks in five subjects out of 100 and then displays the marksheet of the student. The format is as follows:

   Name of Student*:

   Marks in Each Subject

   Subject 1* :

   Subject 2* :

   Subject 3* :

   Subject 4* :

   Subject 5* :

   Total Marks Obtained:

   Total Marks:

   Percentage:

Note: All the entries marked (*) are to be input by the user. And use a submit button to post the entries in the form using the POST method.