**PHP Tutorial**

1. Create 2 variables name x & y and assign them the values of 6 and 4 respectively. Then display the sum, multiplication, division and subtraction in the following format.

Sum : 10

Difference :2

Product : 24

Division :1.5

<!-- http://localhost/PHP1/exce\_01.php -->

<?php

// Create variables and assign values

$x = 6;

$y = 4;

// Perform operations

$sum\_result = $x + $y;

$difference\_result = $x - $y;

$product\_result = $x \* $y;

$division\_result = $x / $y;

// Display the results

echo "Sum : " . $sum\_result . "\n";

echo "Difference : " . $difference\_result . "\n";

echo "Product : " . $product\_result . "\n";

echo "Division : " . $division\_result . "\n";

?>

1. Write a Program to display count, from 5 to 15 using PHP loop as given below.

<!-- http://localhost/PHP1/exce\_02.php -->

<?php

// Using a for loop to display count from 5 to 15

for ($i = 5; $i <= 15; $i++) {

echo $i . "\n";

}

?>

1. You need to write a PHP program to calculate electricity bill using if-else conditions Conditions:
   * For first 0-50 units – Rs. 3.50/unit
   * From 51-100 units – Rs. 4.00/unit
   * From 101 -150 units– Rs. 5.20/unit
   * For units above 151 – Rs. 6.50/unit
   * You can use conditional statements.

<!-- http://localhost/PHP1/exce\_03.php -->

<?php

// Function to calculate electricity bill

function calculateElectricityBill($units) {

if ($units <= 50) {

$billAmount = $units \* 3.50;

} elseif ($units <= 100) {

$billAmount = 50 \* 3.50 + ($units - 50) \* 4.00;

} elseif ($units <= 150) {

$billAmount = 50 \* 3.50 + 50 \* 4.00 + ($units - 100) \* 5.20;

} else {

$billAmount = 50 \* 3.50 + 50 \* 4.00 + 50 \* 5.20 + ($units - 150) \* 6.50;

}

return $billAmount;

}

$unitsConsumed = 180;

$electricityBill = calculateElectricityBill($unitsConsumed);

echo "Units Consumed: " . $unitsConsumed . "\n";

echo "Electricity Bill: Rs. " . $electricityBill . "\n";

?>

1. Write a program to show day of the week (for example:

Monday) based on numbers using switch/case statements.

Conditions:

* + - You can pass 1 to 7 number in switch
    - Day 1 will be considered as Monday
    - If number is not between 1 to 7, show invalid number in default

<!-- http://localhost/PHP1/exce\_04.php -->

<?php

function getDayOfWeek($number) {

switch ($number) {

case 1:

return "Monday";

case 2:

return "Tuesday";

case 3:

return "Wednesday";

case 4:

return "Thursday";

case 5:

return "Friday";

case 6:

return "Saturday";

case 7:

return "Sunday";

default:

return "Invalid number";

}

}

$number = 3;

$dayOfWeek = getDayOfWeek($number);

echo "Number: " . $number . "\n";

echo "Day of the Week: " . $dayOfWeek . "\n";

?>

1. Create an array called ‘fruits’ using php and print each element of the array using a foreach loop.

<!-- http://localhost/PHP1/exce\_05.php -->

<?php

$fruits = array("Apple", "Banana", "Orange", "Grapes", "Mango");

foreach ($fruits as $fruit) {

echo $fruit . "\n";

}

?>