**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

<?php

$x = 6;

$y = 4;

$sum = $x + $y;

$difference = $x - $y;

$product = $x \* $y;

$division = $x / $y;

echo "Sum : $sum Difference : $difference Product : $product Division : $division";

?>

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

<?php

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

echo $i . " ";

}

?>

* 1. 3. You need to write a PHP program to calculate electricity bill using if-else conditions.

1. Conditions:
   1. • For first 0-50 units – Rs. 3.50/unit
   2. • From 51-100 units – Rs. 4.00/unit
   3. • From 101 -150 units– Rs. 5.20/unit
   4. • For units above 151 – Rs. 6.50/unit
   5. • You can use conditional statements.

<?php

$units = 120;

$totalBill = 0;

if ($units <= 50) {

$totalBill = $units \* 3.50;

} elseif ($units <= 100) {

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

} elseif ($units <= 150) {

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

} else {

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

}

echo "Electricity Bill: Rs. " . number\_format($totalBill, 2);

?>

4. 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

<?php

$dayNumber = 3; // Change this number to test different days

switch ($dayNumber) {

case 1:

echo "Monday";

break;

case 2:

echo "Tuesday";

break;

case 3:

echo "Wednesday";

break;

case 4:

echo "Thursday";

break;

case 5:

echo "Friday";

break;

case 6:

echo "Saturday";

break;

case 7:

echo "Sunday";

break;

default:

echo "Invalid number";

}

?>

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

<?php

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

foreach ($fruits as $fruit) {

echo $fruit . "<br>";

}

?>