01)

<?php

$x = 6;

$y = 4;

$sum = $x + $y;

$difference = $x - $y;

$product = $x \* $y;

$division = $x / $y;

echo "Sum: $sum<br>";

echo "Difference: $difference<br>";

echo "Product: $product<br>";

echo "Division: $division<br>";

?>

02)

<?php

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

echo $i . " ";

}

?>

03)

<?php

function calculateElectricityBill($units) {

if ($units <= 50) {

$bill = $units \* 3.50;

} elseif ($units <= 100) {

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

} elseif ($units <= 150) {

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

} else {

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

}

return $bill;

}

// Test the function with some sample units

$unitsConsumed = 120;

$billAmount = calculateElectricityBill($unitsConsumed);

echo "Units Consumed: $unitsConsumed<br>";

echo "Electricity Bill: Rs. $billAmount";

?>

04)

<?php

function getDayOfWeek($number) {

switch ($number) {

case 1:

$day = "Monday";

break;

case 2:

$day = "Tuesday";

break;

case 3:

$day = "Wednesday";

break;

case 4:

$day = "Thursday";

break;

case 5:

$day = "Friday";

break;

case 6:

$day = "Saturday";

break;

case 7:

$day = "Sunday";

break;

default:

$day = "Invalid number";

}

return $day;

}

// Test the function with some sample numbers

$number = 3;

$dayOfWeek = getDayOfWeek($number);

echo "Number: $number<br>";

echo "Day of the Week: $dayOfWeek";

?>

05)

<?php

// Create the 'fruits' array

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

// Print each element of the array using a foreach loop

foreach ($fruits as $fruit) {

echo $fruit . "<br>";

}

?>