1)

<?php

$x = 6;

$y = 4;

$sum = $x + $y;

$difference = $x - $y;

$product = $x \* $y;

$division = $x / $y;

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

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

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

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

?>

2)

<html>

<head>

<title>Count from 5 to 15</title>

</head>

<body>

<h1>Count from 5 to 15:</h1>

<ul>

<?php

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

echo "<li>$i</li>";

}

?>

</ul>

</body>

</html>

3)

<?php

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 = 120; // Replace this value with the actual units consumed

$electricityBill = calculateElectricityBill($unitsConsumed);

echo "Electricity bill for $unitsConsumed units: Rs. " . number\_format($electricityBill, 2);

?>

4)

<?php

function getDayOfWeek($dayNumber) {

switch ($dayNumber) {

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";

}

}

$dayNumber = 3; // Replace this value with the desired day number (1 to 7)

$dayOfWeek = getDayOfWeek($dayNumber);

echo "The day of the week for number $dayNumber is: $dayOfWeek";

?>

5)

<?php

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

foreach ($fruits as $fruit) {

echo $fruit . "<br>";

}

?>