1)

<?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>";

?>

2)

<?php

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

echo $i . " ";

}

?>

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;

}

s

$unitsConsumed = 200;

$billAmount = calculateElectricityBill($unitsConsumed);

echo "Electricity Bill for $unitsConsumed units: Rs. " . number\_format($billAmount, 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;

$dayOfWeek = getDayOfWeek($dayNumber);

echo "Day $dayNumber is: $dayOfWeek";

?>

5)

<?php

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

foreach ($fruits as $fruit) {

echo $fruit . "<br>";

}

?>