**Name : E W V Pesara**

**ID : 26708**

**WEB tute 11**

Exercise 01

<?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";

?>

Exercise 02

<?php

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

echo "$i\n";

}

?>

Exercise 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;

}

$unitsConsumed = 180;

$totalBill = calculateElectricityBill($unitsConsumed);

echo "Total electricity bill for $unitsConsumed units: Rs. " . number\_format($totalBill, 2);

?>

Exercise 04

<?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";

}

}

$dayNumber1 = 1;

$dayNumber2 = 3;

$dayNumber3 = 8;

echo "Day $dayNumber1: " . getDayOfWeek($dayNumber1) . PHP\_EOL;

echo "Day $dayNumber2: " . getDayOfWeek($dayNumber2) . PHP\_EOL;

echo "Day $dayNumber3: " . getDayOfWeek($dayNumber3) . PHP\_EOL;

?>

Exercise 05

<?php

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

foreach ($fruits as $fruit) {

echo $fruit . "<br>";

}

?>