*Assignment 3.1*

<?php

***Question 3.1 - Find square of any given number***

function sqr($n) {

return $n \*\* 2;

}

echo sqr(12); **//144**

***Question 3.2 - Convert a given number of days to Years, Months & Days***

function convert($n) {

            $years *=* (int)($n */* 365);

            $months *=* (int)(($n *%* 365) */* 30);

            $days *=* ($n *%* 365) *%* 30;

            return "$years years, $months months & $days days";

        }

        echo convert(1000);    **//2 years, 9 months & 0 days**

***Question 3.3 - Control flow***

function vote($n) {

if($n > 17)

return "Yes";

else

return "No";

}

echo vote(19); **//Yes**

***Question 3.4 - Swap two numbers***

***a. Using third variable***

function swap1($a, $b) {

            echo "Before swap - a: $a, b: $b<br>";  ***//Before swap, a: 5, b: 56***

            $t *=* $a;

            $a *=* $b;

            $b *=* $t;

            echo "After swap - a: $a, b: $b";   ***//After swap, a: 56, b: 5***

        }

        swap1(5, 56);

***b. Without using third variable***

function swap2($a, $b) {

            echo "Before swap - a: $a, b: $b<br>";  ***//Before swap, a: 2, b: 3***

            $a *=* $a *+* $b;

            $b *=* $a *-* $b;

            $a *=* $a *-* $b;

            echo "After swap - a: $a, b: $b";   ***//After swap, a: 3, b: 2***

        }

        swap2(2, 3);

***c. Using arithmetic operators (\* & /)***

function swap3($a, $b) {

            echo "Before swap - a: $a, b: $b<br>";  ***//Before swap, a: 89, b: 14***

            $a *=* $a *\** $b;

            $b *=* $a */* $b;

            $a *=* $a */* $b;

            echo "After swap - a: $a, b: $b";   ***//After swap, a: 14, b: 89***

        }

        swap3(89, 14);

***//Question 3.5 - PHP code to display employee ID & salary***

function salary($id, $hrs, $amt) {

echo "Employee ID: $id<br>"; **//Employee ID: 89558**

echo "Salary: ".$hrs \* $amt; **//Salary: 22400**

}

salary(89558, 56, 400);

?>