PHP Exercise 1

1. Write a PHP program which can create the following pages. Create variables for each attribute and make sure that each value is taken and displayed from the variable.

MY Profile

ID: TER/001/02
Full Name: Mr.xyz
Date Of Birth: 1990-12-12
Birth Place: sdgsdgsd
Current Address:
  City: DM
  Region: 03
  P.o.Box: yyyy
  Email: abc@yahoo.com
Department Name: IT
College Name: Technology
University Name: DMU

Page1.php

2. Write a PHP Program that can generate the following output.(Embed HTML Tags into PHP script)

Course Description

CourseCode	Course Title	Course Code
ITec3092	Advanced Internet Programming	3
ITec3102	Data Communication & Computer Networking	4

3. Write down the output of the following programs.

A.
```php
<html><body><?php
//variable Declaration
    $num=30;
    $num%=3;
    Function valueofnum(){
    $num=25;
    $x=(($num%5)==0)?($num/5):($num*=2);
    print "x=".$x;
    }
    valueofnum();
    echo "<br>num1=$num<br>num2=";
    $num+=30;
    echo $num;
    //echo $num
?></body></html>
```

B.
```php
<html><body>
<?php
    define("PI",3.14);
    $radius1="3.5";
    $area1=constant("PI")*(pow($radius1,2));
    $radius2=2.5;
    $area2=PI*($radius2*$radius2);
    echo 'Radius of the first circle $radius1 and second
        circle $radius2<br>';
    echo "Area of the first Circle is:".$area1."<br>";
    echo "Area of the second circle:".$area2."<br>";
    echo "Area of the first Circle is:$area1<br>";
    echo "Area of the second circle:$area2<br>";
?></body></html>
```

C.

```php
<html><body><?php
$test1=11.5;   $test2=7.5; $project=11.2; $ass1=12.4; $final=35.2;
$total=number_format((round($test1)+ceil($test2)+floor($project)+floor($ass1)+floor($final)),2);
echo "Total Mark=$total<br>";
$total=round($test1)+floor($test2)+ceil($project)+ceil($ass1)+ceil($final);
echo "Total Mark=".number_format($total,2)."<br>";
$total=$test1+$test2+$project+$ass1+$final;
echo "Total Mark=".number_format($total,2)."<br>";
echo "Your lucky number from 1 to 10 is:".mt_rand(1,10);
?> </body></html>
```

d.

```php
<?php
$string="PHP String Functions";
$fullname="Mitiku Mamo Woldie";
$name=substr($fullname,0,6);
$fathername=substr($fullname,7,4);
$gfathername=substr($fullname,12);
echo '[' . str_pad($string,40,'=',STR_PAD_BOTH) . "]<br>";
echo "My Name is:<b><i>".$name."</i></b><br>";
echo "My Father Name is:<b><i>".$fathername."</i></b><br>";
echo "My Grand Father Name is:<b><i>".$gfathername."</i></b><br>";
$name="Henok";
$fullname=substr_replace($fullname,$name,0,6);
echo "My full name is:<b><i>".$fullname."</i></b><br>";
$noc=strlen($name)+strlen($fathername)+strlen($gfathername);
echo "My full name is <b>$noc characters</b> long or <b>$noc bytes</b><br> ";
$noc=strlen($fullname)-substr_count($fullname," ");
echo "My full name is <b>$noc characters</b> long or <b>$noc bytes</b><br> ";
$noc=strlen($fullname)-substr_count($fullname," ");
echo "The number of characters in <i>\$fullname</i> are :<b>".strlen($fullname)."</b><br>";
echo "<b>o</b> is found <b>".substr_count($fullname,"o")."</b> times in my full name<br>";
echo "<b>o</b> is first found at <b>".strpos($fullname,"o")."rd</b> position in my full name<br>";
echo "<b>o</b> is lastly found at <b>".strrpos($fullname,"o")."th</b> position in my full name<br>";
echo "<b>String</b> is found in \"<b>".strstr($string,"String")."\"</b><br>";
echo "<b>Fun</b> is found in \"<b>".strchr($string,"Fun")."\"</b><br>";
echo "The number of characters found in the string <b>$string</b> that contains the characters in
     <b>PHPds</b> string are :<b>".strspn($string,"PHPds")."</b><br>";
echo "The number of characters found in the string <b>$string</b> before any part of <b>String</b>
     string are found :<b>".strcspn($string,"String")."</b><br>";
echo "Look how funny it is when my name is reversed:<b>".strrev($fullname)."</b><br>";
echo str_repeat('=',36);
?>
```