\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Name: Pradip S Karmakar

Roll-no: 10

Class: MCA 2

Subject: Web Application Development (WAD)

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Assignment - 1

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q1) Write program in PHP and Html which ask user to enter the Amount,rate and Duration in years and calculate and display

Simple the simple interest.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignment 1 XT1</title>

<link rel="stylesheet" type="text/css" href="main.css">

</head>

<body>

<div class="box">

<h1>PRN FINDER</h1>

<form method="POST" name="form1">

<div>

<input type="number" name="p" placeholder="Enter Amount">

</div>

<div>

<input type="number" name="r" placeholder="Enter Rate Of Interest">

</div>

<div>

<input type="number" name="n" placeholder="Enter No of years">

</div>

<div>

<button class="submit" name="submit"> Submit </button>

</div>

</form>

</div>

<?php

if(isset($\_POST['submit'])){

echo "<center>";

$prn = ($\_POST['p'] \* $\_POST['r'] \* $\_POST['n']) / 100;

echo "<h2> $prn </h2>";

echo "</center>";

}

?>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q2) Write a PP and HTML script which ask user to enter his first name and last name and display it. The program must get the values

by using $\_GET, $POST and $\_REQUEST. Check if you set method = Get/post and retrieve the variable using $\_POST/$\_GET.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignment 1 XT2</title>

<link rel="stylesheet" type="text/css" href="main.css">

</head>

<body>

<div class="box">

<form method="POST" name="form1">

<div>

<input type="text" name="fname" autocomplete="off" placeholder="First Name">

</div>

<div>

<input type="text" name="lname" autocomplete="off" placeholder="Last Name">

</div>

<div>

<button class="submit" name="submit"> Submit </button>

</div>

</form>

<?php

if(isset($\_POST['submit']))

{

if($\_SERVER['REQUEST\_METHOD'] === 'POST') {

echo "<br>Method is POST";

if($\_REQUEST['fname']) {

echo "<br>Using Request";

echo "<br> Your First name : " . $\_REQUEST['fname'];

}

if($\_REQUEST['fname']) {

echo "<br> Your First name : " . $\_REQUEST['lname'];

}

}

else if ($\_SERVER['REQUEST\_METHOD'] === 'GET') {

echo "<br>Method is GET";

if($\_REQUEST['fname']) {

echo "<br>Using Request";

echo "<br> Your First name : " . $\_REQUEST['fname'];

}

if($\_REQUEST['fname']) {

echo "<br> Your First name : " . $\_REQUEST['lname'];

}

}

}

?>

</div>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q3) Write a PHP script which ask user to provide min and max radius value. The sciprt will display area of a circle of radius wise.

The format should be as follow: The area of circle for radius 1 is 3.14 sq meter. [ Min value = 1]

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignment 1 XT3</title>

<link rel="stylesheet" type="text/css" href="main.css">

</head>

<body>

<div class="box">

<form method="POST">

<div>

<input type="number" name="min" autocomplete="off" placeholder="Minimum">

</div>

<div>

<input type="number" name="max" autocomplete="off" placeholder="Maximum">

</div>

<div>

<button class="submit" name="submit"> Submit </button>

</div>

</form>

<?php

if (isset($\_POST['submit'])) {

$min = $\_POST['min'];

$max = $\_POST['max'];

if($min < 1) {

echo "<br>Minimum Value must be greater than 0";

die();

}

else if($min > $max){

echo "<br>Maximum value must be greater than mininum value";

die();

}

for ($i = $min; $i <= $max ; $i++) {

echo "<br> The radius of " .$i. " is " . (3.14 \* $i \* $i);

}

}

?>

</div>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

4) Write a PHP/HTML script which ask user to enter StudentID, Name, and marks of the 3 subjects. The script will display the

total marks,percentage and grade. The guideline to determine Grade is;

Grade A if percentage >70

Grade B if percentage >65

Grade C if percentage >60

Grade D if percentage >55

Grade E if percentage >50

Grade F if percentage < 50.

Write the same script by using if –else ladder and switch case. Make validations that the marks are must be positive integer numbers only. StudentID and student Name must be entered.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignment 1 XT4</title>

<link rel="stylesheet" type="text/css" href="main.css">

</head>

<body>

<div class="box">

<form method="POST">

<div>

<input type="number" name="rno" required placeholder="Student Roll No">

</div>

<div>

<input type="text" name="sname" autocomplete="off" placeholder="Enter Student Name">

</div>

<div>

<input type="number" name="m1" autocomplete="off" placeholder="Marks 1">

</div>

<div>

<input type="number" name="m2" autocomplete="off" placeholder="Marks 2">

</div>

<div>

<input type="number" name="m3" autocomplete="off" placeholder="Marks 3">

</div>

<div>

<button class="submit" name="submit"> Submit </button>

</div>

</form>

<?php

if(isset($\_POST['submit'])){

if($\_POST['rno'] == '' || is\_nan($\_POST['rno'])) {

echo "Invalid Student Roll No.";

}

else if ($\_POST['sname'] == '') {

echo "Fill Student Name.";

}

else {

$m1 = $\_POST['m1'];

$m2 = $\_POST['m2'];

$m3 = $\_POST['m3'];

if($m1 < 0 || $m1 > 100 || $m2 < 0 || $m2 > 100 || $m3 < 0 || $m3 > 100) {

echo "<br>Marks Must be btween 0 to 100";

} else {

$tot = $m1 + $m2 + $m3;

$per = $tot / 3;

echo "<br>Total: " . number\_format((float)$tot, 2, '.', ',');

echo "<br>Percentage: " . number\_format((float)$per, 2, '.', '');

switch(1) {

case ($per > 80): echo "<br>Distinction"; break;

case ($per > 70): echo "<br>First Class"; break;

case ($per > 60): echo "<br>Second Class"; break;

case ($per > 50): echo "<br>Third Class"; break;

case ($per > 35): echo "<br>Pass"; break;

default: echo "<br>Fail"; break;

}

}

}

}

?>

</div>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q5) Write a PHP script which will write students information in a binary(textfile) name studinfo.txt and display acknowledgement.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignment 1 XT5</title>

<link rel="stylesheet" type="text/css" href="main.css">

</head>

<body>

<div class="box">

<form method="POST">

<div>

<input type="text" name="sname" autocomplete="off" placeholder="Enter The Name" required>

</div>

<div>

<button class="submit" name="submit"> Submit </button>

</div>

</form>

<?php

if(isset($\_POST['submit'])) {

if ($\_POST['sname'] == '')

{

echo "Fill The Name";

}

else {

$f1 = @fopen('files/studinfo.txt', 'a+b');

$sname = "\r\n" . $\_POST['sname'];

$fwrite = fwrite($f1, $sname);

if($fwrite === false) {

echo "Fail To Register Name.";

} else {

echo "Name Registered Successfully. " . $fwrite . " bytes written.";

}

fclose($f1);

}

}

?>

</div>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

6) Write a PHP script which will read the students information from the file studinfo.txt and display records.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignment 1 XT6</title>

</head>

<body>

<?php

if(file\_exists("files/studinfo.txt")) {

$f1Handle = @fopen("files/studinfo.txt", "rb");

echo fread($f1Handle, filesize('files/studinfo.txt'));

$fn = fopen("files/studinfo.txt","r");

while(! feof($fn)) {

$result = fgets($fn);

echo "<br>" . $result;

}

fclose($fn);

fclose($f1Handle);

}

else {

echo "No such File Exists";

}

?>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q7) Write a PHP script which will display the filesize studinfo.txt and display records. Also provide functionality of record

navigation by using fseek, ftell and seek in built functions.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignmnet 1 XT7</title>

</head>

<body>

<?php

$file = 'files/7.txt';

$fReadHandle = fopen("files/studinfo.txt", 'r+');

$currentPosition = fgets($fReadHandle, 4);

echo "<br> Reading from Start <br>" . $currentPosition;

$currentPosition = fgets($fReadHandle, 5);

echo "<br> Reading from the last read <br>" . $currentPosition;

fseek($fReadHandle, 0);

$currentPosition = fgets($fReadHandle, 4);

echo "<br> Again Reading from Start <br>" . $currentPosition;

$ftell = ftell($fReadHandle);

echo '<br> $ftell' . " $ftell ";

?>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q8) Create a PHP/HTML script which allows user to choose his/her hobbies by checking the checkboxes and display the user’s hobbies.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignment 1 XT8</title>

<link rel="stylesheet" type="text/css" href="main.css">

</head>

<body>

<div class="box">

<h2>Hobby Selector</h2>

<form method="POST">

<div>

<input type="checkbox" id="h1" name="hobby[]" value="Gaming"> Gaming

<input type="checkbox" id="h2" name="hobby[]" value="Study"> Study

<input type="checkbox" id="h3" name="hobby[]" value="Sleeping"> Sleeping

<input type="checkbox" id="h3" name="hobby[]" value="Riding"> Riding

<input type="checkbox" id="h3" name="hobby[]" value="Travelling"> Travelling

</div>

<div>

<button class="submit" name="submit"> Submit </button>

</div>

</form>

<?php

if(isset($\_POST['submit'])){

if(!empty($\_POST['hobby'])){

foreach($\_POST['hobby'] as $selected){

echo $selected."</br>";

}

}

}

?>

</div>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q9) Create an array of your favorite Punjabi food. Write PHP script to display only even number position Punjabi food.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignment 1 XT9</title>

<link rel="stylesheet" type="text/css" href="main.css">

</head>

<body>

<div class="box">

<?php

$arr = array("1. Chana Masala","2. Dal Makhani","3. Chole Bhature","4. Kadai Paneer","5. Aloo Paratha","6. Chicken Leg Piece");

$i = 2;

foreach ($arr as $value) {

if($i % 2) {

echo "<br>" . $value;

}

$i++;

}

?>

</div>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q10) Create an array of Milk Types and its price.

i.Display all the types and price.

ii. Sort the array by price and display.

iii. Sort the array by milk type and display

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignment 1 XT10</title>

<link rel="stylesheet" type="text/css" href="main.css">

</head>

<body>

<div class="box">

<?php

$milk = array ("Tazza" => 26, "Shakti" => 22, "Gold" => 30);

echo "Sort by Price<br>";

$pricesort = $procuct = $milk;

asort($pricesort);

foreach($pricesort as $key=>$value)

{

echo $key . " : " . $value . "<br>";

}

echo "<br> Sort By Name <br>";

ksort($procuct);

foreach($procuct as $key=>$value)

{

echo $key . " : " . $value . "<br>";

}

?>

</div>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q11) Create a 2-D array which stores the distance between Source and Destination of five cities in KM. Allows user to chose source

and Destination from Drop Down list. The script should display correct distance between the two cities.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignment 1 XT11</title>

<link rel="stylesheet" type="text/css" href="main.css">

</head>

<body>

<div class="box">

<form method="POST">

<div>

<select name = "cityA">

<option value = 0>Navsari</option>

<option value = 1>Surat</option>

<option value = 2>Ahmedabad</option>

<option value = 3>Kutchh</option>

<option value = 4>Mumbai</option>

</select>

<select name = "cityB">

<option value = 0>Navsari</option>

<option value = 1>Surat</option>

<option value = 2>Ahmedabada</option>

<option value = 3>Kutchh</option>

<option value = 4>Mumbai</option>

</select>

</div>

<div>

<input type="submit" value="Submit" name="submit" class="submit">

</div>

</form>

<?php

if(isset($\_POST['submit'])) {

$cityA = $\_POST['cityA'];

$cityB = $\_POST['cityB'];

$city = array (

"Navsari",

"Surat",

"Ahmedabad",

"Kutchh",

"Mumbai"

);

$distance = array (

array (0, 40, 398, 733, 426),

array (40, 0, 358, 693, 466),

array (398, 358, 0, 362, 850),

array (733, 693, 362, 0, 1162),

array (426, 466, 850, 1162, 0)

);

$result = $distance[$cityA][$cityB];

print "<h3>The distance between ";

print "$city[$cityA] to $city[$cityB]";

print " is $result Kms.</h3>";

}

?>

</div>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q12) Create a 2-D array which stores card types (‘C’,’H’,’D’,’S’) and rank (2,3,4,5,6,7,8,9,10, J, Q,K,A). Each type has 13 ranks.

Display total cards by their type and rank in ascending and descending order. Then shuffle it and display the cards.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

$cards = array( array("C\_A","C\_K","C\_Q","C\_J","C\_10","C\_9","C\_8","C\_7","C\_6","C\_5","C\_4","C\_3","C\_2"),

array("H\_A","H\_K","H\_Q","H\_J","H\_10","H\_9","H\_8","H\_7","H\_6","H\_5","H\_4","H\_3","H\_2"),

array("D\_A","D\_K","D\_Q","D\_J","D\_10","D\_9","D\_8","D\_7","D\_6","D\_5","D\_4","D\_3","D\_2"),

array("S\_A","S\_K","S\_Q","S\_J","S\_10","S\_9","S\_8","S\_7","S\_6","S\_5","S\_4","S\_3","S\_2")

);

echo "Decending Order";

echo "<table border='1px'>";

for( $i = 0; $i < 4; $i++ )

{

echo "<tr>";

for( $j = 0; $j < 13; $j++ )

{

echo "<td>";

echo $cards[$i][$j];

echo "</td>";

}

echo "</tr>";

}

echo "</table> <br>";

echo "Accending Order";

echo "<table border='1px'>";

for( $i = 3; $i >= 0; $i-- )

{

echo "<tr>";

for( $j = 12; $j >= 0; $j-- )

{

echo "<td>";

echo $cards[$i][$j];

echo "</td>";

}

echo "</tr>";

}

echo "</table> <br>";

echo "After Shuffle";

echo "<table border='1px'>";

shuffle($cards);

for( $i = 0; $i < 4; $i++ )

{

echo "<tr>";

for( $j = 0; $j < 13; $j++ )

{

shuffle($cards);

shuffle($cards[0]);

while( $cards[$i][$j] == "" )

{

shuffle($cards);

shuffle($cards[0]);

}

echo "<td>";

echo $cards[$i][$j];

echo "</td>";

$cards[$i][$j] = "";

}

echo "</tr>";

}

echo "</table>";

?>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q13) Load the student’s details from studinfo.txt to an array and display all students information in tabular format

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignment 1 XT13</title>

</head>

<body>

<?php

$i = 0;

if(file\_exists("files/studinfo.txt")) {

$f1Handle = @fopen("files/studinfo.txt", "rb");

$fn = fopen("files/studinfo.txt","r");

while(! feof($fn)) {

$array[$i++] = fgets($fn);

}

fclose($fn);

echo '<table border="1" style="border: solid 3px #808080;">';

while($i--) {

echo "<tr>";

echo "<td>";

echo $array[$i];

echo "</td>";

echo "</tr>";

}

echo "</table>";

fclose($f1Handle);

} else {

echo "No such File Exists";

}

?>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q14) Create an array and apply following functions and display the results:

i. each ii. Current iii. Reset iv. End v. pos vi. Prev vii. array\_walk viii. Count ix. Sizeof x. array\_count\_values xi. Extract

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignment 1 XT14</title>

<link rel="stylesheet" type="text/css" href="main.css">

</head>

<body>

<div class="box">

<?php

function number($value,$key)

{

echo "<br>The $key called $value ";

}

$arr = array("1"=>"one","2" => "two","3" => "three","4" => "four","5" => "five");

$temp = "hello";

$temparr = array("temp" => "Morning", "temp2" => "Night", "temp3" => "Evening");

echo "<table border = '1'>";

echo "<tr><td>Each : </td><td>";

print\_r (each($arr));

echo "</td></tr> <br> <tr><td>Current : </td><td>" . current($arr) . "</td></tr>";

echo "<br> <tr><td> Reset : </td><td>" . reset($arr). "</td></tr>";

echo "<br> <tr><td> End : </td><td>" . end($arr). "</td></tr>";

echo "<br> <tr><td> POS : </td><td>" . pos($arr). "</td></tr>";

echo "<br> <tr><td> Prev : </td><td>" . prev($arr) . "<br><tr><td>Array\_Walk : </td><td>";

echo "</td></tr> <br> <tr><td> Array\_walk Return : </td><td>" . array\_walk($temparr,"number"). "</td></tr>";

echo "<br> <tr><td> Count : </td><td>" . count($arr). "</td></tr>";

echo "<br> <tr><td>Sizeof : </td><td>" . sizeof($arr) . "</td></tr> <br> <tr><td>Array\_count\_values : </td><td>";

print\_r (array\_count\_values($arr));

echo "</td></tr>";

extract($temparr);

echo "<br> <tr><td>Extract : </td><td>" . $temp . "</td></tr></table>";

?>

</div>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q15) Write a simple php script which evalutes following string functions and display the output:

i. ltrim ii. Rtrim iii. Trim iv. Str\_pad v. Lcfist vi. Ucfirst vii. Ucwords viii.ucfirst ix. Strtolower x. Strtoupper xi. Strrev

xii. Str\_shuffle xiii. Str\_repeat xiv. Explode xv. Implode xvi. Strcmp xvii. Strcasecmp xviii. Strcasecmp xix. Strnatcmp xx. Strnatcasecmp

xxi. Strlen xxii. Strstr xxiii. Strchr xxiv. Strrchr xxv. Stristr xxvi. Strpos xxvii. Strrpos xxviii. Str\_replace xxix. Subbstr\_replace

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignment 1 XT15</title>

</head>

<body>

<?php

$str = "pradip karmakar";

echo "<center>";

echo '<table border = 1 >';

echo "<tr><td>";

echo "trim ";

echo "</td><td>";

echo trim($str,"kar");

echo "</td></tr>";

echo "<tr><td>";

echo "rtrim ";

echo "</td><td>";

echo rtrim($str,"kar");

echo "</td></tr>";

echo "<tr><td>";

echo "ltrim ";

echo "</td><td>";

echo ltrim($str,"pra");

echo "</td></tr>";

echo "<tr><td>";

echo "STR\_PAD\_LEFT ";

echo "</td><td>";

echo str\_pad($str, 30, "\*", STR\_PAD\_LEFT);

echo "</td></tr>";

echo "<tr><td>";

echo "STR\_PAD\_BOTH ";

echo "</td><td>";

echo str\_pad($str, 30, "\*", STR\_PAD\_BOTH);

echo "</td></tr>";

echo "<tr><td>";

echo "STR\_PAD";

echo "</td><td>";

echo str\_pad($str, 30, "\*");

echo "</td></tr>";

echo "<tr><td>";

echo "lcfirst(Lower case)";

echo "</td><td>";

echo lcfirst("Hey siri!");

echo "</td></tr>";

echo "<tr><td>";

echo "ucfirst(Upper case)";

echo "</td><td>";

echo ucfirst("hey siri !");

echo "</td></tr>";

echo "<tr><td>";

echo "ucwords";

echo "</td><td>";

echo ucwords("Hey siri !");

echo "</td></tr>";

echo "<tr><td>";

echo "Strtolower";

echo "</td><td>";

echo Strtolower($str);

echo "</td></tr>";

echo "<tr><td>";

echo "strtoupper";

echo "</td><td>";

echo strtoupper($str);

echo "</td></tr>";

echo "<tr><td>";

echo "strrev";

echo "</td><td>";

echo strrev($str);

echo "</td></tr>";

echo "<tr><td>";

echo "str\_shuffle (ymmv)";

echo "</td><td>";

echo str\_shuffle($str);

echo "</td></tr>";

echo "<tr><td>";

echo "str\_repeat";

echo "</td><td>";

echo str\_repeat(" P.J.D.A ", 5);

echo "</td></tr>";

$str2 = "Hello World Its Pradip Karmakar";

echo "<tr><td>";

echo "explode";

echo "</td><td>";

print\_r(explode(' ', $str2, 1));

echo "</td></tr>";

$arr = array('Hello','Wolrd','Its','Pradip','Karmakar');

echo "<tr><td>";

echo "implode";

echo "</td><td>";

echo implode("<b>+</b>", $arr);

echo "</td></tr>";

echo "<tr><td>";

echo "strcmp";

echo "</td><td>";

echo strcmp("Pradip","pradip");

echo "</td></tr>";

echo "<tr><td>";

echo "strcasecmp";

echo "</td><td>";

echo strcasecmp("Pradip","pradip");

echo "</td></tr>";

echo "<tr><td>";

echo "strlen";

echo "</td><td>";

echo strlen("Pradip Karmakar");

echo "</td></tr>";

echo "<tr><td>";

echo "strstr";

echo "</td><td>";

echo strstr("Pradip Karmakar", " ");

echo "</td></tr>";

echo "<tr><td>";

echo "stristr";

echo "</td><td>";

echo stristr("Pradip Karmakar", " K");

echo "</td></tr>";

echo "<tr><td>";

echo "strrstr(true)";

echo "</td><td>";

echo strchr("Hello world world!","world",true);

echo "</td></tr>";

echo "<tr><td>";

echo "strchr";

echo "</td><td>";

echo strchr("Hello world world!","world");

echo "</td></tr>";

echo "<tr><td>";

echo "strrchr";

echo "</td><td>";

echo strrchr("Hello world world!","world");

echo "</td></tr>";

echo "<tr><td>";

echo "strpos";

echo "</td><td>";

echo strpos("Ajinkya php, php","php");

echo "</td></tr>";

echo "<tr><td>";

echo "strrpos";

echo "</td><td>";

echo strrpos("Ajinkya php, php","php") . "<br>";

echo "</td></tr>";

echo "<tr><td>";

echo "substr\_replace";

echo "</td><td>";

echo substr\_replace("Bobby", 'bob', 0) . "<br>";

echo "</td></tr>";

echo "<tr><td>";

echo "str\_replace";

echo "</td><td>";

echo str\_replace("Pradip", "Supriya", "Pradip Karmakar") . "<br>";

echo "</td></tr>";

echo "</table>";

echo "</center>";

?>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q16) Write a php script which ask user to enter username and password. Validate the username by that

a. username only includes alphanumeric characters only.

b. Username must begin with character only

The password

a. Must contain at least one punctuation mark.

b. Must contain at least one digit

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignment 1 XT16</title>

<link rel="stylesheet" type="text/css" href="main.css">

</head>

<body>

<div class="box">

<form method="POST">

<div>

<input type="text" placeholder="Enter Your Name" name="uname" autocomplete="off" required>

</div>

<div>

<input type="text" placeholder="Enter Your Password" name="pass" autocomplete="off" required>

</div>

<div>

<input type="submit" name="submit" class="submit" value="check">

</div>

</form>

<?php

if(isset($\_POST['submit']))

{

if(preg\_match("/^[A-Za-z]+[A-Za-z0-9]/", $\_POST["uname"]) === 0)

{

echo"Invalid format in UserName";

die();

}

else{

if(preg\_match("/[a-zA-Z0-9]+[?!0-9]/", $\_POST['pass']) == 0)

{

echo"Invalid format Of password";

die();

}

else{

echo "Username = " . $\_POST['uname'] . "<br> Password = " . $\_POST['pass'] ;

}

}

}

?>

</div>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Name: Pradip S Karmakar

Roll-no: 10

Class: MCA 2

Subject: Web Application Development (WAD)

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Assignment - 2

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

1) Write a PHP script which allows user to enter product code, product name, product price and discount percentage. The program

must use a function to calculate discounted amount calculate net pay amount.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignment 2 XT1</title>

<link rel="stylesheet" href="main.css">

</head>

<body>

<div class="box">

<form method="POST">

<div>

<input type="text" name="pcode" placeholder="Product Code" required>

</div>

<div>

<input type="text" name="pname" placeholder="Product Name" required>

</div>

<div>

<input type="number" name="price" min="1" placeholder="Product Price" required>

</div>

<div>

<input type="number" name="discount" min="0" max="100" placeholder="Product Discount" required>

</div>

<div>

<input type="submit" name="submit" value="Calculate" class="submit">

</div>

</form>

<?php

function calculate($pr,$d)

{

$netpay = ($pr\*$d)/100;

$netpay = $pr - $netpay;

echo "<br> PRODUCT PRICE : $pr";

echo "<br> DISCOUNT : $d%";

echo "<br> NET BILL : $netpay";

}

if(isset($\_POST['submit']))

{

$pc = $\_POST['pcode'];

$pn = $\_POST['pname'];

$pr = $\_POST['price'];

$d = $\_POST['discount'];

echo "<br> PRODUCT CODE : $pc";

echo "<br> PRODUCT NAME : $pn";

calculate($pr,$d);

}

?>

</div>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q2) Write a PHP script file which make your pages have the same look. [Hint: use require]

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

echo " <h2>This is Practical 2 but Same look as below practical - 1 </h2> ";

require 'XT1.php';

?>

OUTPUT :

This is Practical 2 but Same look as below practical - 1

Product Details

Product code : 101

Product Name : Bag

Product Price : 670

Product Discount : (In %) 15

Product Discount amount is 100.5.

Net pay amount for Product 569.5.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

3) Write a PHP function which ask the user number of tickets to be booked. The function get the no. of booked tickets and create

a table based on that which have exactly same rows as number entered by user. The value for rows are booked ticket numbers

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ticket.php

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

echo "<form method='post' action='ticket.php'>";

echo "<br>Enter Total Number of Movie Ticket : ";

echo "<input type = 'number' name='txt' >";

echo "<br> <input type='submit' name='submit' value='Book Ticket' > <br> <br>";

if(isset($\_POST['submit']))

{

function ticket($n)

{

echo "<table border='1'>";

echo "<tr>";

echo "<th> No. </th>";

echo "<th> Ticket </th>";

echo "</tr>";

for($i=1;$i <= $n;$i++)

{

echo "<tr>";

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

echo "<td> A ". $i ."</td>";

echo "</tr>";

}

echo "</table>";

}

$n = $\_POST['txt'];

ticket($n);

}

echo "</form>";

?>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q4) Write a function which takes 5 number of input as array from user. Then calculate total and average and display total and average

of the 5 numbers.[Hint: use & to return multiple values]

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

average.php

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

echo "<form method='post' action='average.php'>";

echo "<br> Enter Total Number : ";

echo "<input type='number' name='num' >";

echo "<br> <input type='submit' name='submit' value='submit'> <br> <br>";

if(isset($\_POST['submit']))

{

$n = $\_POST['num'];

echo "<table>";

for($i=1;$i<=$n;$i++)

{

echo "<tr>";

echo "<td> Enter $i Number : </td>";

echo "<td> <input type='number' name='val[]' required> </td>";

echo "</tr>";

}

echo "</table>";

echo "<br> <input type='submit' name='submit1' value='Calculate'> <br> <br>";

}

if(isset($\_POST['submit1']))

{

$t=0;

$avg=0;

function calculate($arr,&$t,&$avg)

{

echo "<br> Values : ";

foreach($arr as $value)

{

echo "<br> $value";

$t = $t + $value;

$avg = $avg + 1;

}

}

$arr = $\_POST['val'];

calculate($arr,$t,$avg);

$avg = $t/$avg;

echo "<br> Total = $t";

echo "<br> Average = $avg";

}

echo "</form>";

?>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q5) Write a program to calculate factorial value by using recursive function. The value must be entered by user.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

recursion.php

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

echo "<form method='post' action='recursion.php'>";

echo "<br> Enter Number : ";

echo "<input type='number' name='num' required>";

echo "<br> <input type='submit' name='submit' value='submit'> <br>";

if(isset($\_POST['submit']))

{

function fact($n)

{

$i;

if($n==1)

{

$i=1;

return $i;

}

else if($n==2)

{

$i=2;

return $i;

}

else

{

$i=$n\*fact($n-1);

}

return $i;

}

$n = $\_POST['num'];

$ans=0;

$ans=fact($n);

echo "<br> FACTORIAL = $ans";

}

echo "</form>";

?>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q6) Create a class Vehicle having attributes VID, ModelNo and Mileage( per litere). Write operations to calculate cost per Km by

asking price of fuel from user. Implement all the attributes and operations for the class.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

vehicle.html

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<html>

<head>

</head>

<body>

<form method="post" action="vehicle.php">

<table>

<tr>

<td> Enter Vehicle ID : </td>

<td> <input type='text' name='vid' required> </td>

</tr>

<tr>

<td> Enter Model No : </td>

<td> <input type='text' name='model' required> </td>

<tr>

<tr>

<td> Enter Mileage : " </td>

<td> <input type='number' name='mil' required> </td>

</tr>

<tr>

<td> Enter Fuel Price : " </td>

<td> <input type='number' name='fuel' required> </td>

</tr>

<tr>

<td> <input type='submit' name='submit' value="submit" > </td>

<td> <input type='reset' name='reset' value="reset" > </td>

<tr>

</table>

</form>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

vehicle.php

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

class vehicle

{

private

$vid,$modelno,$mileage;

public

function \_\_construct($vid1,$model1,$mi1)

{

$this->vid = $vid1;

$this->modelno = $model1;

$this->mileage = $mi1;

}

function display($f)

{

echo "<br> Vehicle ID : ".$this->vid;

echo "<br> Model No : ".$this->modelno;

echo "<br> Mileage : ".$this->mileage;

echo "<br> Fuel/Ltr : ".$f;

echo "<br> RS per KM : ".($f/$this->mileage);

}

};

$vid = $\_POST['vid'];

$model = $\_POST['model'];

$mi = $\_POST['mil'];

$f = $\_POST['fuel'];

$v = new vehicle($vid,$model,$mi);

$v -> display($f);

?>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q7) Create a class Car which is child class of the class Vehicle. Add the operation maintenance for car class. The maintenance class has a property to calculate

cost to maintain a car in good condition for a month. Write a function which provides the total maintenance cost of a car for the year.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

vehicle.html

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<html>

<head>

</head>

<body>

<form method="post" action="vehicle.php">

<table>

<tr>

<td> Enter Vehicle ID : </td>

<td> <input type='text' name='vid' required> </td>

</tr>

<tr>

<td> Enter Model No : </td>

<td> <input type='text' name='model' required> </td>

<tr>

<tr>

<td> Enter Mileage : </td>

<td> <input type='number' name='mil' required> </td>

</tr>

<tr>

<td> Enter Car Number : </td>

<td> <input type='text' name='cno' required> </td>

</tr>

<tr>

<td> Enter Car Name : </td>

<td> <input type='text' name='cname' required> </td>

</tr>

<tr>

<td> Enter Car Maintenence per Month : </td>

<td> <input type='number' name='cost' required> </td>

</tr>

<tr>

<td> <input type='submit' name='submit' value="submit" > </td>

<td> <input type='reset' name='reset' value="reset" > </td>

<tr>

</table>

</form>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

vehicle.php

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

class vehicle

{

private

$vid,$modelno,$mileage;

public

function \_\_construct($vid1,$model1,$mi1)

{

$this->vid = $vid1;

$this->modelno = $model1;

$this->mileage = $mi1;

}

function display()

{

echo "<br> Vehicle ID : ".$this->vid;

echo "<br> Model No : ".$this->modelno;

echo "<br> Mileage : ".$this->mileage;

}

};

class car extends vehicle

{

private

$carno,$carname;

public

function \_\_construct($vid,$modelno,$mil,$carno,$cname)

{

$this->carno = $carno;

$this->carname = $cname;

parent :: \_\_construct($vid,$modelno,$mil);

}

function display()

{

parent :: display();

echo "<br> <br> CAR Number : ".$this->carno;

echo "<br> CAR NAME : ".$this->carname;

}

};

class maintenence extends car

{

private

$cost;

public

function \_\_construct($vid,$modelno,$mil,$carno,$cname,$cost)

{

$this->cost = $cost;

parent :: \_\_construct($vid,$modelno,$mil,$carno,$cname);

}

function display()

{

parent :: display();

echo "<br> <br> MONTHLY MAINTENENCE : ".$this->cost;

echo "<br> YEARLY MAINTENENCE : ".($this->cost\*12);

}

};

$vid = $\_POST['vid'];

$modelno = $\_POST['model'];

$mil = $\_POST['mil'];

$carno = $\_POST['cno'];

$cname = $\_POST['cname'];

$cost = $\_POST['cost'];

$m = new maintenence($vid,$modelno,$mil,$carno,$cname,$cost);

$m -> display();

?>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q8) Using question 6,7 take input from user for three cars maintenance. Add these records into text file. Calculate most

economical car and display car details.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html>

<head>

<title>Practical-8</title>

</head>

<body>

<h2>Find Best Economical Car</h2>

<form action="" method="post">

<?php

for($i=1;$i<=3;$i++)

echo "<label>Enter Car $i maintanance : </label><input type='text' name=car$i><br><br/>";

?>

<input type="submit" name="submit" value="Find">

</form>

</body>

</html>

<?php

if(isset($\_POST['submit'])){

extract($\_POST);

class Vehical

{

private $vid,$modelno,$milage;

public function \_\_construct($vid=0,$modelno='',$milage=0){

$this->vid = $vid;

$this->modelno = $modelno;

$this->milage = $milage;

}

public function getvid(){ return $this->vid; }

public function setvid($value){ $this->vid = $value; }

public function getmodelno(){ return $this->modelno; }

public function setmodelno($value){ $this->modelno = $value; }

public function getmilage(){ return $this->milage; }

public function setmilage($value){ $this->milage = $value; }

public function totalCost($cost){

return $cost/$this->milage;

}

}

class Car extends Vehical

{

public function \_\_construct($vid=0,$modelno='',$milage=0){

parent::\_\_construct($vid,$modelno,$milage);

}

public function MaintainanceCost($maintain){

return 12\*$maintain;

}

}

$obj1 = new Car("101","PKC101",50,$car1);

$obj2 = new Car("102","PKC102",30,$car2);

$obj3 = new Car("103","PKC103",70,$car3);

$c1 = $obj1->MaintainanceCost($car1);

$c2 = $obj2->MaintainanceCost($car2);

$c3 = $obj3->MaintainanceCost($car3);

if($c1 <= $c2 && $c1 <= $c3){

echo $obj1->getmodelno()." is best car.";

}

else if($c2 <= $c1 && $c2 <= $c3){

echo $obj2->getmodelno()." is best car.";

}

else{

echo $obj3->getmodelno()." is best car.";

}

}

?>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q9) Make Exception handling for Question No. 8.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html>

<head>

<title>Practical-8</title>

</head>

<body>

<h2>Find Best Economical Car</h2>

<form action="" method="post">

<?php

for($i=1;$i<=3;$i++)

echo "<label>Enter Car $i maintanance : </label><input type='text' name=car$i><br><br/>";

?>

<input type="submit" name="submit" value="Find">

</form>

</body>

</html>

<?php

if(isset($\_POST['submit'])){

extract($\_POST);

class Vehical

{

private $vid,$modelno,$milage;

public function \_\_construct($vid=0,$modelno='',$milage=0){

$this->vid = $vid;

$this->modelno = $modelno;

$this->milage = $milage;

}

public function getvid(){ return $this->vid; }

public function setvid($value){ $this->vid = $value; }

public function getmodelno(){ return $this->modelno; }

public function setmodelno($value){ $this->modelno = $value; }

public function getmilage(){ return $this->milage; }

public function setmilage($value){ $this->milage = $value; }

public function totalCost($cost){

return $cost/$this->milage;

}

}

class Car extends Vehical

{

public function \_\_construct($vid=0,$modelno='',$milage=0){

parent::\_\_construct($vid,$modelno,$milage);

}

public function MaintainanceCost($maintain){

return 12\*$maintain;

}

}

try{

$obj1 = new Car("101","PKC101",50,$car1);

$obj2 = new Car("102","PKC102",30,$car2);

$obj3 = new Car("103","PKC103",70,$car3);

$c1 = $obj1->MaintainanceCost($car1);

$c2 = $obj2->MaintainanceCost($car2);

$c3 = $obj3->MaintainanceCost($car3);

if($c1 <= $c2 && $c1 <= $c3){

echo $obj1->getmodelno()." is best car.";

}

else if($c2 <= $c1 && $c2 <= $c3){

echo $obj2->getmodelno()." is best car.";

}

else{

echo $obj3->getmodelno()." is best car.";

}

}

catch(Exception $e)

{

echo "Error: ".$e->getMessage();

}

}

?>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q10) Write an PHP script which allows user to enter product Name, Quantity and Price. Based on the price and quantity calculate cost for each

item and total cost. Make validation that the Quantity and Price must not be blanks and they are must be >=0. If any user enter violates the rule,

make appropriate exception handling.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html>

<head>

<title>Practical-10</title>

</head>

<body>

<form action="" method="post">

<label>Product Name : </label>

<input type="text" name="p\_name">

<br/>

<label>Quantity : </label>

<input type="text" name="p\_quantity" required>

<br/>

<label>Price : </label>

<input type="text" name="p\_price" required>

<br/>

<input type="submit" name="submit" value="Calculate cost">

</form>

</body>

</html>

<?php

if (isset($\_POST['submit'])) {

extract($\_POST);

if($p\_quantity > 0 && $p\_price > 0)

{

$total = $p\_quantity\*$p\_price;

echo "cost for product is <b> $p\_price </b><br>";

echo "total cost for product is <b> $total </b>";

}

else if($p\_quantity == 0)

echo "Enter valid quantity!!!!!";

else if($p\_price == 0)

echo "Enter valid price!!!!!";

}

}

?>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Name: Pradip S Karmakar

Roll-no: 10

Class: MCA 2

Subject: Web Application Development (WAD)

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

1) Create tables described below:-

a)Table name: client\_master

Description: Used to store client information

CREATE TABLE `assignment 3`.`client\_master` ( `client\_no` VARCHAR(6) NOT NULL , `name` VARCHAR(20) NOT NULL , `address1` VARCHAR(30) NULL DEFAULT NULL ,

`address2` VARCHAR(30) NULL DEFAULT NULL , `city` VARCHAR(15) NULL DEFAULT NULL , `pincode` INT(8) NULL DEFAULT NULL , `state` VARCHAR(15) NULL DEFAULT NULL ,

`bal\_due` INT(10,2) NULL DEFAULT NULL , PRIMARY KEY (`client\_no`(6))) ENGINE = InnoDB;

b)Table name: product\_master

Description: Used to store product information

CREATE TABLE `assignment 3`.`product\_master` ( `product\_no` VARCHAR(6) NOT NULL , `description` VARCHAR(15) NOT NULL , `profit\_percent` DOUBLE(4,2) NOT NULL ,

`unit\_measure` VARCHAR(10) NOT NULL , `qty\_no\_hand` INT(8) NOT NULL , `reorder\_lvl` INT(8) NOT NULL , `sell\_price` DOUBLE(8,2) NOT NULL , `cost\_price` DOUBLE

(8,2) NOT NULL , PRIMARY KEY (`product\_no`(6)) COMMENT 'first letter must start with p') ENGINE = InnoDB;

c)Table name: salesman\_master

Description: Used to store salesman working for the company.

CREATE TABLE IF NOT EXISTS `salesman\_master` (

`salesman\_no` varchar(6) NOT NULL,

`salesman\_name` varchar(20) NOT NULL,

`address1` varchar(30) DEFAULT NULL,

`address2` varchar(30) DEFAULT NULL,

`city` varchar(20) DEFAULT NULL,

`pincode` varchar(8) DEFAULT NULL,

`state` varchar(20) NOT NULL,

`sal\_amt` int(8) NOT NULL,

`tgt\_to\_get` int(8) NOT NULL,

`ytd\_sales` int(8) NOT NULL,

`remarks` varchar(60) DEFAULT NULL,

PRIMARY KEY (`salesman\_no`)

);

d)Table name:sale\_order

Description: Used to store client’s orders

CREATE TABLE IF NOT EXISTS `sale\_order` (

`order\_no` varchar(6) NOT NULL,

`order\_date` date NOT NULL,

`client\_no` varchar(6) NOT NULL,

`dely\_addr` varchar(25) NOT NULL,

`salesman\_no` varchar(6) NOT NULL,

`dely\_type` char(1) NOT NULL DEFAULT 'F',

`billed\_yn` char(1) NOT NULL,

`dely\_date` date NOT NULL,

`order\_status` varchar(10) NOT NULL,

PRIMARY KEY (`order\_no`),

KEY `client\_no` (`client\_no`),

KEY `salesman\_no` (`salesman\_no`)

);

ALTER TABLE `sale\_order` ADD FOREIGN KEY (`client\_no`) REFERENCES `client\_master`(`client\_no`) ON DELETE RESTRICT ON UPDATE RESTRICT; ALTER TABLE `sale\_order`

ADD FOREIGN KEY (`salesman\_no`) REFERENCES `salesman\_master`(`salesman\_no`) ON DELETE RESTRICT ON UPDATE RESTRICT;

e)Table Name: sale\_order\_details

Description: Used to store client’s orders with details of each product ordered.

CREATE TABLE IF NOT EXISTS `sales\_order\_details` (

`order\_no` varchar(6) NOT NULL,

`product\_no` varchar(6) NOT NULL,

`qty\_ordered` int(8) NOT NULL,

`qty\_disp` int(8) NOT NULL,

`product\_rate` int(10) NOT NULL,

KEY `order\_no` (`order\_no`),

KEY `product\_no` (`product\_no`)

);

ALTER TABLE `sales\_order\_details`

ADD CONSTRAINT `sales\_order\_details\_ibfk\_2` FOREIGN KEY (`product\_no`) REFERENCES `product\_master` (`product\_no`),

ADD CONSTRAINT `sales\_order\_details\_ibfk\_1` FOREIGN KEY (`order\_no`) REFERENCES `sale\_order` (`order\_no`);

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

2) Insert the following data into their respective tables:

a) Data for client\_master table:

INSERT INTO `client\_master` (`client\_no`, `Name`, `Address1`, `Address2`, `City`, `Pincode`, `State`, `Bal\_due`) VALUES

('C00001', 'Ivan Bayross', '', '', 'Bombay', 400054, 'Maharashtra', 15000),

('C00002', 'Vandana Saitwal', '', '', 'Madras', 780001, 'Tamil Nadu', 0),

('C00003', 'Pramada Jaguste', '', '', 'BOmbay', 400057, 'Maharashtra', 5000),

('C00004', 'Basu Navindgi', '', '', 'Bombay', 400056, 'Maharshtra', 0),

('C00005', 'Ravi Shreedharan', '', '', 'Delhi', 100001, 'Delhi', 2000),

('C00006', 'Rukmini', '', '', 'Bombay', 400050, 'Maharashtra', 0);

b) Data for product\_master table:

INSERT INTO `product\_master` (`product\_no`, `description`, `profit\_percent`, `unit\_measure`, `qty\_no\_hand`, `reorder\_lvl`, `sell\_price`, `cost\_price`) VALUES

('P00001', '1.44 Floppies', 5, 'Piece', 100, 20, 525, 500),

('P03453', 'monitors', 6, 'Piece', 10, 3, 12000, 11280),

('P06734', 'mouse', 5, 'Piece', 20, 5, 1050, 1000),

('P07865', '1.22 Floppies', 5, 'Piece', 20, 5, 525, 500),

('P07868', 'keyboards', 2, 'Piece', 10, 3, 3150, 3050),

('P07885', 'CD Drive', 3, 'Piece', 10, 3, 5250, 5100),

('P07965', '540 HHD', 4, 'Piece', 10, 3, 8400, 8000),

('P07975', '1.44 Drive', 5, 'Piece', 10, 3, 1050, 1000),

('P08865', '1.22 Drive', 5, 'Piece', 2, 3, 1050, 1000);

c) Data for salesman\_master table:

INSERT INTO `salesman\_master` (`salesman\_no`, `salesman\_name`, `address1`, `address2`, `city`, `pincode`, `state`, `sal\_amt`, `tgt\_to\_get`, `ytd\_sales`, `remarks`) VALUES

('S00001', 'Kiran', 'A/14', 'Worli', 'Bombay', '400002', 'Maharastra', 3000, 100, 50, 'Good'),

('S00002', 'Manish', '65', 'Nariman', 'Bombay', '400001', 'Maharastra', 3000, 200, 100, 'Good'),

('S00003', 'Ravi', 'P-7', 'Bandra', 'Bombay', '400032', 'Maharastra', 3000, 200, 100, 'Good'),

('S00004', 'Aashish', 'A/5', 'Juhu', 'Bombay', '400044', 'Maharastra', 3500, 200, 150, 'Good');

d) Data for sales\_order table:

INSERT INTO `sale\_order` (`order\_no`, `order\_date`, `client\_no`, `dely\_addr`, `salesman\_no`, `dely\_type`, `billed\_yn`, `dely\_date`, `order\_status`) VALUES

('O19001', '1996-01-12', 'C00001', '', 'S00001', 'F', 'N', '1996-01-20', 'In Process'),

('O19002', '1996-01-25', 'C00002', '', 'S00002', 'P', 'N', '1996-01-27', 'Cancelled'),

('O19003', '1996-04-03', 'C00001', '', 'S00001', 'F', 'Y', '1996-05-22', 'Fulfilled'),

('O19008', '1996-05-24', 'C00005', '', 'S00004', 'F', 'N', '1996-05-26', 'In process'),

('O46865', '1996-02-18', 'C00003', '', 'S00003', 'F', 'Y', '1996-02-20', 'Fulfilled'),

('O46866', '1996-05-20', 'C00004', '', 'S00002', 'F', 'N', '1996-05-22', 'Cancelled');

e) Data for the sales\_order\_details table:

INSERT INTO `sales\_order\_details` (`order\_no`, `product\_no`, `qty\_ordered`, `qty\_disp`, `product\_rate`) VALUES

('O19001', 'P00001', 4, 4, 525),

('O19001', 'P07965', 2, 1, 8400),

('O19001', 'P07885', 2, 1, 5250),

('O19002', 'P00001', 10, 0, 525),

('O46865', 'P07868', 3, 3, 3150),

('O46865', 'P07885', 3, 1, 5250),

('O46865', 'P00001', 10, 10, 520),

('O46865', 'P03453', 4, 4, 1050),

('O19003', 'P03453', 2, 2, 1050),

('O19003', 'P06734', 1, 1, 12000),

('O46866', 'P07965', 1, 0, 8400),

('O46866', 'P07965', 1, 0, 1050),

('O19008', 'P00001', 10, 5, 525),

('O19008', 'P07975', 5, 3, 1050);

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

3). Exercises computation on table data:

a) Find the name of all clients having ‘a’ as the second letter in their names

SELECT \* FROM `client\_master` where Name like '\_a%'

client\_no Name Address1 Address2 City Pincode State Bal\_due

C00002 Vandana Saitwal Madras 780001 Tamil Nadu 0

C00004 Basu Navindgi Bombay 400056 Maharshtra 0

C00005 Ravi Shreedharan Delhi 100001 Delhi 2000

b) Find out the clients who stay in a city whose second letter is ‘a’.

SELECT \* FROM `client\_master` where City like '\_a%'

client\_no Name Address1 Address2 City Pincode State Bal\_due

C00002 Vandana Saitwal Madras 780001 Tamil Nadu 0

c) Find the list of all client who stay in ‘Bombay’ or ‘Delhi’.

SELECT \* FROM `client\_master` where City = 'Bombay' or City = 'Delhi'

client\_no Name Address1 Address2 City Pincode State Bal\_due

C00001 Ivan Bayross Bombay 400054 Maharashtra 15000

C00003 Pramada Jaguste BOmbay 400057 Maharashtra 5000

C00004 Basu Navindgi Bombay 400056 Maharshtra 0

C00005 Ravi Shreedharan Delhi 100001 Delhi 2000

C00006 Rukmini Bombay 400050 Maharashtra 0

d) Print the list of client whose bal\_due is greater then value 10000.

SELECT \* FROM `client\_master` where Bal\_due > '10000'

client\_no Name Address1 Address2 City Pincode State Bal\_due

C00001 Ivan Bayross Bombay 400054 Maharashtra 15000

e) Print the information from sales\_oeder table for order placed in the month of January.

SELECT \* FROM `sale\_order`where month(order\_date) = 1

order\_no order\_date client\_no dely\_addr salesman\_no dely\_type billed\_yn dely\_date order\_status

O19001 1996-01-12 C00001 [->] S00001 [->] F N 1996-01-20 In Process

O19002 1996-01-25 C00002 [->] S00002 [->] P N 1996-01-27 Cancelled

f) Display the order information for client\_no ‘C00001’ and ‘C00002’.

SELECT \* FROM `sale\_order` where client\_no = 'C00001' or client\_no = 'C00002'

order\_no order\_date client\_no dely\_addr salesman\_no dely\_type billed\_yn dely\_date order\_status

O19001 1996-01-12 C00001 [->] S00001 [->] F N 1996-01-20 In Process

O19002 1996-01-25 C00002 [->] S00002 [->] P N 1996-01-27 Cancelled

O19003 1996-04-03 C00001 [->] S00001 [->] F Y 1996-05-22 Fulfilled

g) Find products whose selling price is greater than 2000 and less than or equal to 5000.

SELECT \* FROM `product\_master` where sell\_price between 2000 and 5000

product\_no description profit\_perecent unit\_measure qty\_no\_hand reorder\_lvl sell\_price cost\_price

P07868 keyboards 2 Piece 10 3 3150 3050

h) Find products whose selling price is more than 1500. Calculate a new selling price as, original selling price \* .15. Rename the new column in the above query as new\_price.

SELECT \*,sell\_price\*15 as new\_price FROM `product\_master`where sell\_price > 1500

product\_no description profit\_perecent unit\_measure qty\_no\_hand reorder\_lvl sell\_price cost\_price new\_price

P03453 monitors 6 Piece 10 3 12000 11280 180000

P07868 keyboards 2 Piece 10 3 3150 3050 47250

P07885 CD Drive 3 Piece 10 3 5250 5100 78750

P07965 540 HHD 4 Piece 10 3 8400 8000 126000

i) List the names, city and state of clients who are not in the state of ‘Maharastra’.

SELECT name,city,state FROM `client\_master` where state != 'Maharashtra'

Name City State

Vandana Saitwal Madras Tamil Nadu

Basu Navindgi Bombay Maharshtra

Ravi Shreedharan Delhi Delhi

j) Count the total number of orders.

SELECT count(\*) as total\_orders FROM `sale\_order`

total\_orders

6

k) Calculate the average price of all the products.

SELECT avg(sell\_price) as average\_price FROM `product\_master`

average\_price

3666.6667

l) Determine the maximum and minimum product prices. Rename the output as max\_price and min\_price respectively.

SELECT max(sell\_price) as max\_price,min(sell\_price) as min\_price FROM `product\_master`

max\_price min\_price

12000 525

m) Count the number of products having price greater than or equal to 1500.

SELECT count(sell\_price) as 'price>=1500' FROM `product\_master` where sell\_price >= 1500

price>=1500

4

n) Find all the products whose qty\_no\_hand is less than recorder level.

SELECT \* FROM `product\_master` where qty\_no\_hand < reorder\_lvl

product\_no description profit\_perecent unit\_measure qty\_no\_hand reorder\_lvl sell\_price cost\_price

P08865 1.22 Drive 5 Piece 2 3 1050 1000

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

4). Exercise on Date Manipulation:

a) Display the order number and day on which clients placed their order.

SELECT order\_no,day(order\_date) as Day FROM `sale\_order`

order\_no Day

O19001 12

O19002 25

O19003 3

O19008 24

O46865 18

O46866 20

b) Display the month (in alphabets) and date when the order must be delivered.

SELECT order\_no,dely\_date,MONTHName(dely\_date) as Month FROM `sale\_order`

order\_no dely\_date Month

O19001 1996-01-20 January

O19002 1996-01-27 January

O19003 1996-05-22 May

O19008 1996-05-26 May

O46865 1996-02-20 February

O46866 1996-05-22 May

c) Display the order\_date in the format ‘DD-Month-yy’. e.g. 12-February-96.

SELECT order\_no,DATE\_FORMAT(order\_date,'%d-%M-%y') as Date FROM `sale\_order`

order\_no Date

O19001 12-January-96

O19002 25-January-96

O19003 03-April-96

O19008 24-May-96

O46865 18-February-96

O46866 20-May-96

d) Find the date, 15 days after today’s date

.

select DATE\_ADD(NOW(),INTERVAL 15 DAY) as '15 Days after Date'

15 Days after Date

2018-12-05 00:09:51

e) Find the number of days elapsed between today’s date and the delivery date of the orders placed by the clients.

SELECT DATEDIFF(NOW(),dely\_date) as Duration from sale\_order

Duration

8349

8342

8226

8222

8318

8226

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

5). Exercise on using Having and Group By Clauses:

a) Print the description and total qty sold for each product.

SELECT p.product\_no,description,sum(qty\_ordered) as qty\_sold FROM sales\_order\_details as s, product\_master as p where p.product\_no = s.product\_no group by p.product\_no

product\_no description qty\_sold

P00001 [->] 1.44 Floppies 34

P03453 [->] monitors 6

P06734 [->] mouse 1

P07868 [->] keyboards 3

P07885 [->] CD Drive 5

P07965 [->] 540 HHD 4

P07975 [->] 1.44 Drive 5

b) Find the value of each product sold.

SELECT p.product\_no,sum(sell\_price\*qty\_ordered) as Total\_value FROM sales\_order\_details as s, product\_master as p where p.product\_no = s.product\_no group by p.product\_no

product\_no Total\_value

P00001 [->] 17850

P03453 [->] 72000

P06734 [->] 1050

P07868 [->] 9450

P07885 [->] 26250

P07965 [->] 33600

P07975 [->]

c) Calculate the average qty sold for each client that has a maximum order value of 15000.00.

SELECT o.client\_no,avg(qty\_ordered) as avg\_qty\_sold FROM sales\_order\_details as s, sale\_order as o where o.order\_no = s.order\_no and qty\_ordered\*product\_rate <= 15000 group by o.client\_no

client\_no avg\_qty\_sold

C00001 2.2500

C00002 10.0000

C00003 5.6667

C00004 1.0000

C00005 7.5000

d) Find out the sum total of all the billed orders for the month of January.

SELECT sum(qty\_ordered\*product\_rate) as total\_of\_january FROM sales\_order\_details as s, sale\_order as o where month(order\_date) = 1

total\_of\_january

206600

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

6). Exercise on Joins and Correlation:

a) Find out the products, which have been sold to ‘Ivan Bayross’.

SELECT description as 'Ivan Bayross\'s prodcts' FROM sale\_order as o, client\_master as c, sales\_order\_details as s,product\_master as p where p.product\_no = s.product\_no and o.order\_no = s.order\_no and c.client\_no = o.client\_no and c.Name = 'Ivan Bayross' group by p.product\_no

Ivan Bayross's prodcts

1.44 Floppies

540 HHD

CD Drive

monitors

mouse

b) Find out the products and their quantities that will have to be delivered in the current month.

SELECT description,sum(qty\_ordered) FROM sale\_order as o, sales\_order\_details as s,product\_master as p where o.order\_no = s.order\_no and s.product\_no = p.product\_no and month(dely\_date) = 5 group by o.order\_no

description sum(qty\_ordered)

monitors 3

1.44 Floppies 15

540 HHD 2

c) Find the product\_no and description of constantly sold i.e. rapidly moving products.

SELECT p.product\_no,sum(qty\_ordered) FROM sale\_order as o, sales\_order\_details as s,product\_master as p where s.order\_no = o.order\_no and s.product\_no = p.product\_no group by p.product\_no order by sum(qty\_ordered) desc limit 3

product\_no sum(qty\_ordered)

P00001 34

P03453 6

P07975 5

d) Find the name of clients who have purchase ‘CD Drive’.

SELECT c.Name as 'CD Drive Buyers' FROM sale\_order as o, client\_master as c, sales\_order\_details as s,product\_master as p where p.product\_no = s.product\_no and o.order\_no = s.order\_no and c.client\_no = o.client\_no and p.description = 'CD Drive' group by c.Name

CD Drive Buyers

Ivan Bayross

Pramada Jaguste

e) List the product\_no and order\_no of customers having qty\_ordered less than 5 from the sales\_order\_details table for the product ‘1.44 Floppies’.

SELECT p.product\_no,o.order\_no FROM sale\_order as o, sales\_order\_details as s,product\_master as p where s.order\_no = o.order\_no and s.product\_no = p.product\_no and p.description = '1.44 Floppies' group by o.order\_no

product\_no order\_no

P00001 O19001

P00001 O19002

P00001 O19008

P00001 O46865

f) Find the products and their quantities for the orders placed by ‘lvan Bayross’ and ‘Vandana Saitwal’.

SELECT p.product\_no,sum(qty\_ordered) as qty FROM sale\_order as o, client\_master as c, sales\_order\_details as s,product\_master as p where p.product\_no = s.product\_no and o.order\_no = s.order\_no and c.client\_no = o.client\_no and (c.Name = 'Ivan Bayross' or c.Name = 'Vandana Saitwal') group by p.product\_no

product\_no qty

P00001 14

P03453 2

P06734 1

P07885 2

P07965 2

g) Find the products and their quantities for the orders placed by client\_no ‘C00001’ and ‘C00002’.

SELECT p.product\_no,sum(qty\_ordered) as qty FROM sale\_order as o, sales\_order\_details as s,product\_master as p where p.product\_no = s.product\_no and o.order\_no = s.order\_no and (o.client\_no = 'C00001' or o.client\_no = 'C00002') group by p.product\_no

product\_no qty

P00001 14

P03453 2

P06734 1

P07885 2

P07965 2

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

7). Exercise on Sub-queries:

a) Find the product\_no and description of non-moving products i.e. products not being sold.

SELECT p.product\_no, description FROM product\_master as p left join sales\_order\_details as s on p.product\_no = s.product\_no where s.product\_no is null

product\_no description

P07865 1.22 Floppies

P08865 1.22 Drive

b) Find the customer name, address1, address2, city and pin code for the client who has placed order no ‘O19001’.

SELECT Name,Address1,Address2,City,Pincode FROM client\_master as c,sale\_order as o where c.client\_no = o.client\_no and order\_no = 'O19001'

Name Address1 Address2 City Pincode

Ivan Bayross Bombay 400054

c) Find the client names who have placed orders before the month of May’96.

SELECT Name FROM client\_master as c,sale\_order as o where c.client\_no = o.client\_no and year(order\_date) <= 1996 and month(order\_date) < 5 group by Name

Name

Ivan Bayross

Pramada Jaguste

Vandana Saitwal

d) Find out if the product ‘1.44 Drive’ has been ordered by any client and print the clint\_no, name to whom it was sold.

SELECT c.client\_no,Name FROM sale\_order as o, sales\_order\_details as s,product\_master as p,client\_master as c where s.order\_no = o.order\_no and s.product\_no = p.product\_no and c.client\_no = o.client\_no and p.description = '1.44 Drive' group by o.order\_no

client\_no Name

C00005 [->] Ravi Shreedharan

e) Find the names of clients who have placed orders worth Rs.10000 or more.

SELECT Name FROM sales\_order\_details as s, sale\_order as o, client\_master as c where c.client\_no = o.client\_no and o.order\_no = s.order\_no and qty\_ordered\*product\_rate >= 10000 group by o.client\_no

Name

Ivan Bayross

Pramada Jaguste

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

8). Exercise on Constructing Sentences with data:

a) Print information from product\_master, sales\_order\_detail tables in the following format for all the records:

{Description} worth Rs. {total sales for the product} was sold.

SELECT concat(Description,' worth Rs\. ',(qty\_ordered\*product\_rate) ,' was sold\.') as 'Data' FROM sales\_order\_details as s, product\_master as p WHERE p.product\_no = s.product\_no group by Description

Data

1.44 Drive worth Rs. 5250 was sold.

1.44 Floppies worth Rs. 2100 was sold.

540 HHD worth Rs. 16800 was sold.

CD Drive worth Rs. 10500 was sold.

keyboards worth Rs. 9450 was sold.

monitors worth Rs. 4200 was sold.

mouse worth Rs. 12000 was sold.

b) Print information from product\_master, sales\_order\_detail tables in the following format for all the records:

{Description} worth Rs. {total sales for the product} was ordered in the month of {order\_date in month format}.

SELECT concat(Description,' worth Rs\. ',qty\_ordered\*product\_rate,' was ordered in a month of ',MONTH(o.order\_date),'\.') as 'Data' FROM sales\_order\_details as s, product\_master as p, sale\_order as o WHERE p.product\_no = s.product\_no and s.order\_no = o.order\_no group by Description

Data

1.44 Drive worth Rs. 5250 was ordered in a month of 5.

1.44 Floppies worth Rs. 2100 was ordered in a month of 1.

540 HHD worth Rs. 16800 was ordered in a month of 1.

CD Drive worth Rs. 10500 was ordered in a month of 1.

keyboards worth Rs. 9450 was ordered in a month of 2.

monitors worth Rs. 2100 was ordered in a month of 4.

mouse worth Rs. 12000 was ordered in a month of 4.

c) Print information from client\_master, product\_master, sales\_order tables in the following format for all the records:

{cust\_name} has placed order {order\_no} on {order\_date}.

SELECT concat(Name,' has placed order ',order\_no,' on date ',order\_date,'\.') as 'Data' FROM client\_master as c, sale\_order as o WHERE c.client\_no = o.client\_no group by Name

Data

Basu Navindgi has placed order O46866 on date 1996-05-20.

Ivan Bayross has placed order O19001 on date 1996-01-12.

Pramada Jaguste has placed order O46865 on date 1996-02-18.

Ravi Shreedharan has placed order O19008 on date 1996-05-24.

Vandana Saitwal has placed order O19002 on date 1996-01-25.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Name: Pradip S Karmakar

Roll-no: 10

Class: MCA 2

Subject: Web Application Development (WAD)

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ASSIGNMENT 4

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q1) Write a php script to upload a file.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

p1.html:

<!DOCTYPE html>

<html>

<body>

<form action="p1.php" method="post" enctype="multipart/form-data">

<h2>File Upload</h2>

Select image to upload:

<input type="file" name="fileToUpload" id="fileToUpload">

<input type="submit" value="Upload Image" name="submit">

</form>

</body>

</html>

p1.php:

<?php

$target\_file = basename($\_FILES["fileToUpload"]["name"]);

if (move\_uploaded\_file($\_FILES["fileToUpload"]["tmp\_name"], $target\_file)) {

echo "Upload success";

} else {

echo "Sorry, there was an error uploading your file.";

}

?>

OUTPUT :

File Upload

Select image to upload: Capture2.PNG

Upload success

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q2) Write a php script which reads and display each directory as a bulleted list.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

$cwd = getcwd();

$dir = scandir($cwd);

foreach($dir as $d)

{

if(is\_dir($d))

echo "<br> $d";

}

?>

OUTPUT :

Practical1

Practical2

Practical3

Practical4

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q3) Write a php script which reads and display each file of a specified directory.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

$cwd = getcwd();

$dir = scandir($cwd);

foreach($dir as $d)

{

if(is\_file($d))

echo "<br> $d";

}

?>

OUTPUT :

p1.php

p2.php

p3.php

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q4) Write a php script which reads and display each file details of a specified directory. The file details include file last access date, last modified date, owner etc.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

$cwd = getcwd();

$dir = scandir($cwd);

foreach($dir as $d)

{

if(is\_file($d))

echo "<br>" .$d. " create date : ".date('d-m-Y',fileatime($d))." access date : ".date('d-m-Y',fileatime($d)). " author : ".fileowner($d);

}

?>

OUTPUT :

p1.php create date : 06-12-2018 access date : 06-12-2018 author : ZK\ZK

p2.php create date : 06-12-2018 access date : 06-12-2018 author : ZK\ZK

p3.php create date : 03-12-2018 access date : 03-12-2018 author : ZK\ZK

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q5) Write a php script which reads and display each file of each directory

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

lists(getcwd());

function lists($dir){

$ffs = scandir($dir);

unset($ffs[array\_search('.', $ffs, true)]);

unset($ffs[array\_search('..', $ffs, true)]);

foreach($ffs as $ff){

if(is\_dir($dir.'/'.$ff)) {

echo "<br/>$ff<br/>";

lists($dir.'/'.$ff);

echo "<br/>";

}

else

echo $ff."<br/>";

}

}

?>

OUTPUT :

Practical1

p1.php

p2.php

Practical2

p1.php

p2.php

Practical3

p1.php

p2.php

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q6) Write a program to create, copy and delete a directory using php.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

mkdir("xyz");

function copyr($source, $dest){

if (is\_link($source))

return symlink(readlink($source), $dest);

if (is\_file($source))

return copy($source, $dest);

if (!is\_dir($dest))

mkdir($dest);

$dir = dir($source);

while (false !== $entry = $dir->read()) {

if ($entry == '.' || $entry == '..')

continue;

copyr("$source/$entry", "$dest/$entry");

}

$dir->close();

return true;

}

copyr("xyz","abc");

rmdir("xyz");

?>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q10) Create a database in named Samay in mysql.The samay database has a table named Watch.In the Watch table perform the followings:

i. insert a record with date and time

ii. Insert a record with only date

iii. Insert a record with only time

iv. Retrieve a record which will display only date in the format dd/mm/yyyy

v. Retrieve a record which will display date in the format mm/dd/yyyy

vi. Retrieve a record which will display date in the format yyyy-mm-dd

vii. Retrieve a record which will display date and time in the format dd/mm/yyyy hh:mi:ss

viii. What is the date of a record in which you have inserted time only?

What is the time of a record in which you have inserted date only?

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

$link=mysqli\_connect("localhost","root","") or die(mysqli\_error($link));

mysqli\_query($link,"create database if not exists samay") or die(mysqli\_error($link));

mysqli\_select\_db($link,"samay") or die(mysqli\_error($link));

mysqli\_query($link,"create table if not exists watch(`date` date)") or die(mysqli\_error($link));

echo " <h2> insert a record with date and time </h2> ";

$date = date("Y-m-d H:i:s");

$insert = "INSERT INTO watch (date) VALUES ('$date')";

if (mysqli\_query($link,$insert))

echo "record inserted data $date";

else

echo "Failed";

echo " <h2> Insert a record with only date </h2> ";

$date = date('Y-m-d');

$insert = "INSERT INTO watch (date) VALUES ('$date')";

if (mysqli\_query($link,$insert))

echo "record inserted date $date";

else

echo "Failed";

echo " <h2> Insert a record with only Time </h2> ";

date\_default\_timezone\_set("Asia/Kolkata");

$date = date("H:m:s");

$insert = "INSERT INTO watch (date) VALUES ('$date')";

if (mysqli\_query($link,$insert))

echo "record inserted time $date";

else

echo "Failed";

echo " <h2> Retrieve a record which will display only date in the format dd/mm/yyyy </h2> ";

$sql = "SELECT DATE\_FORMAT(date, '%d/%m/%Y') FROM watch";

$result = mysqli\_query($link,$sql);

while ($row = mysqli\_fetch\_array($result)) {

if($row[0] == '00/00/0000')

continue;

echo $row[0]."<br>";

}

echo " <h2> Retrieve a record which will display date in the format mm/dd/yyyy </h2> ";

$sql = "SELECT DATE\_FORMAT(date, '%m/%d/%Y') FROM watch";

$result = mysqli\_query($link,$sql);

while ($row = mysqli\_fetch\_array($result)) {

if($row[0] == '00/00/0000')

continue;

echo $row[0]."<br>";

}

echo " <h2> Retrieve a record which will display date in the format yyyy-mm-dd </h2> ";

$sql = "SELECT DATE\_FORMAT(date, '%Y-%m-%d') FROM watch";

$result = mysqli\_query($link,$sql);

while ($row = mysqli\_fetch\_array($result)) {

if($row[0] == '0000-00-00')

continue;

echo $row[0]."<br>";

}

echo " <h2> Retrieve a record which will display date and time in the format dd/mm/yyyy hh:mi:ss </h2> ";

$sql = "SELECT DATE\_FORMAT(date, '%d/%m/%y %h:%i:%s') FROM watch";

$result = mysqli\_query($link,$sql);

while ($row = mysqli\_fetch\_array($result)) {

echo $row[0]."<br>";

}

?>

OUTPUT :

insert a record with date and time

record inserted date and time 2018-12-07 09:39:11

Insert a record with only date

record inserted date 2018-12-07

Insert a record with only Time

record inserted time 14:12:11

Retrieve a record which will display only date in the format dd/mm/yyyy

07/12/2018

07/12/2018

07/12/2018

07/12/2018

11/12/2014

Retrieve a record which will display date in the format mm/dd/yyyy

12/07/2018

12/07/2018

12/07/2018

12/07/2018

12/11/2014

Retrieve a record which will display date in the format yyyy-mm-dd

2018-12-07

2018-12-07

2018-12-07

2018-12-07

2014-12-11

Retrieve a record which will display date and time in the format dd/mm/yyyy hh:mi:ss

07/12/18 12:00:00

07/12/18 12:00:00

00/00/00 12:00:00

07/12/18 12:00:00

07/12/18 12:00:00

11/12/14 12:00:00

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q11) Write a php script which will ask user to provide caption and background color of a button. The script will display the text in center of the

button with background color selected by user

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Button</title>

<style>

body{

margin: 0;

background-color:black;

}

.content{

text-align: center;

margin: 10% 0 0 0;

}

.form\_element{

width: 28%;

height: 55px;

border-radius: 5px;

border: 2px solid aquamarine;

padding: 10px;

margin-top: 10px;

font-size: medium;

}

.form\_button{

width: 35%;

height: 45px;

border-radius: 5px;

border: 0px;

background-color: red;

margin: 10px 0 20px 0;

font-weight: bold;

}

.form\_button:hover{

cursor: pointer;

background-color: greenyellow;

}

</style>

</head>

<body>

<div class="content">

<form method="POST">

<div>

<input type="text" name="cap" class="form\_element" placeholder="Write Caption"/>

</div>

<div>

<input type="text" name="color" class="form\_element" placeholder="Write Color Name"/>

<br><p style="color:#fff;"><span style="color:red;">\* </span>Please Provide Proper Color Name otherwise won't effect.</p>

</div>

<div>

<input type="submit" name="submit" value="submit" class="form\_button">

</div>

</form>

<?php

if(isset($\_POST['submit']))

{

$caption = $\_POST['cap'];

$color = $\_POST['color'];

?>

<div>

<input type="button" value="<?= $caption; ?>" class="form\_button" style="background-color:<?= $color; ?>">

</div>

<?php

}

?>

</div>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Q13) Write a php script which allows user to store one or more itmes in a shopping cart. When user click on continue button it moves to the previous page

and allows user to change quantity of selected items. If user click on show cart button it will display shopping cart with items.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

cart.sql

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

CREATE TABLE `cart` (

`cart\_id` int(2) NOT NULL,

`pro\_id` int(2) NOT NULL,

`pro\_name` varchar(30) NOT NULL,

`price` decimal(10,0) NOT NULL,

`qty` int(2) NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

ALTER TABLE `cart`

ADD PRIMARY KEY (`cart\_id`),

ADD KEY `pro\_id` (`pro\_id`);

ALTER TABLE `cart`

MODIFY `cart\_id` int(2) NOT NULL AUTO\_INCREMENT, AUTO\_INCREMENT=9;

ALTER TABLE `cart`

ADD CONSTRAINT `cart` FOREIGN KEY (`pro\_id`) REFERENCES `products` (`pro\_id`) ON DELETE CASCADE ON UPDATE CASCADE;

COMMIT;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

products.sql

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

CREATE TABLE `products` (

`pro\_id` int(2) NOT NULL,

`pro\_name` varchar(30) NOT NULL,

`price` decimal(10,2) NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

INSERT INTO `products` (`pro\_id`, `pro\_name`, `price`) VALUES

(1, 'Desktop', '30000.00'),

(2, 'Laptop', '35000.00'),

(3, 'Gaming Set', '5500.00'),

(4, 'Extentions', '800.00'),

(5, 'Softwares', '16000.00');

ALTER TABLE `products`

ADD PRIMARY KEY (`pro\_id`);

ALTER TABLE `products`

MODIFY `pro\_id` int(2) NOT NULL AUTO\_INCREMENT, AUTO\_INCREMENT=6;

COMMIT;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Dataclass.php

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

class Dataclass

{

private $conn;

public function \_\_construct()

{

$this->conn=mysqli\_connect("localhost","root","","wad") or die('connection Failed');

}

public function getConn()

{

return $this->conn;

}

public function saveRecord($query)

{

$res=mysqli\_query($this->conn,$query);

return $res;

}

public function getTable($query)

{

$table = mysqli\_query($this->conn,$query);

return $table;

}

public function getRow($query)

{

$table = mysqli\_query($this->conn,$query);

$row = mysqli\_fetch\_assoc($table);

return $row;

}

}

?>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Shop.php :

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

session\_start();

$j = 1;

$qty = 1;

require\_once('dataclass.php');

$dc = new Dataclass();

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Shopping Cart</title>

<link rel="stylesheet" href="main.css">

</head>

<body>

<form method="POST">

<?php $getusers = $dc->getTable("select pro\_id from cart");

$sum = $getusers->num\_rows;

?>

<div class="box">

<?php

$get = $dc->getTable("select \* from products");

while ($rw=mysqli\_fetch\_assoc($get))

{

?>

<div class="product">

<h2><?= $rw['pro\_name'] ?></h2>

<h3>Rs <?= $rw['price'] ?></h3>

<br>

<input type="hidden" name="id" value="<?= $rw['pro\_id'] ?>">

<input type="submit" name="pro<?= $rw['pro\_id'] ?>" class="form\_button" value="Add">

</div>

<?php

}

?>

</div>

<?php

while($j < 6)

{

$x = "pro".$j;

if(isset($\_POST[$x])){

$proid = $j;

$check = "select pro\_id from cart where pro\_id = $proid";

$getcheck = $dc->getTable($check);

$data = $dc->getRow("select pro\_id,pro\_name,price from products where pro\_id = $proid");

$id = $data['pro\_id'];

$product = $data['pro\_name'];

$price = $data['price'];

if($getcheck->num\_rows == 0)

{

$save = "insert into cart(pro\_id,pro\_name,price,qty) values('$id','$product','$price','$qty')";

if($dc->saveRecord($save))

{

header("location:shop.php");

}

else{

echo "<script> alert('Error'); </script>";

}

}

else{

$update = $dc->getTable("update cart set qty = qty+1 where pro\_id = $id");

if($update)

{

echo "<script> alert('Product Updated Successfully'); </script>";

}

else{

echo "<script> alert('Error in Update'); </script>";

}

}

}

$j++;

}

?>

<div class="continue"> <h1>Cart Count : <?= $sum ?></h1></div>

<div class="continue">

<input type="submit" name="continue" value="Continue" class="form\_button">

<input type="submit" name="clear" value="Clear Cart" class="form\_button">

</div>

<?php

if(isset($\_POST['continue'])){

header('Location:cart.php');

}

if(isset($\_POST['clear'])){

if($dc->saveRecord("delete from cart"))

{

echo "<script> alert('Cart Is Empty Now'); </script>";

header("location:shop.php");

}

else{

echo "<script> alert('Error in Deletion'); </script>";

}

}

?>

</form>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Cart.php

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<?php

session\_start();

require\_once('dataclass.php');

$dc = new Dataclass();

$total = 0;

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Checkout</title>

<link rel="stylesheet" href="main.css">

</head>

<body>

<div class="cart">

<h1>Cart</h1>

<form method="POST">

<div class="innertable">

<table>

<tr>

<th>Product Name</th>

<th>Price</th>

<th>Quantity</th>

<th>Total</th>

</tr>

<?php

$get = $dc->getTable("select \* from cart");

while ($rw=mysqli\_fetch\_assoc($get))

{

?>

<tr>

<td><?= $rw['pro\_name'] ?></td>

<td><?= $rw['price'] ?></td>

<td><?= $rw['qty'] ?></td>

<td><?= $rw['price'] \* $rw['qty'] ?></td>

</tr>

<?php

$total += $rw['price'] \* $rw['qty'];

}

?>

<tr>

<th colspan="3">Total</th>

<th><?= $total ?></th>

</tr>

</table>

</div>

<div>

<input type="submit" value="Home" name="submit" class="form\_button">

<?php

if(isset($\_POST['submit']))

{

header("location:shop.php");

}

?>

</div>

</form>

</div>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*

main.css

\*\*\*\*\*\*\*\*\*\*\*\*\*\*

body{

margin: 0 auto;

background-color:beige;

}

.box{

text-align: center;

margin: 10% 0 0 0;

display: flex;

}

.cart{

text-align: center;

margin: 5% 0 0 0;

}

.continue{

text-align: center;

margin: 5% 0 0 0;

}

.product{

width: 33.33%;

}

.form\_button{

width: 35%;

height: 45px;

border-radius: 5px;

border: 0px;

background-color: red;

margin: 10px 0 20px 0;

font-weight: bold;

cursor: pointer;

}

.form\_button:hover{

cursor: pointer;

background-color: greenyellow;

}

table{

width: 80%;

margin-left: 10%;

border-collapse: collapse;

border:1px solid black;

border-radius: 5%;

}

td,th,tr{

border:1px solid black;

padding: 2%;

border-spacing: -10px;

}

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*