Practical Program :

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1) Write a PHP script to perform arithmetic operations on two numbers (Addition, Subtraction, Multiplication, Division ).

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<html>

<form method="POST" Action="Practice Program.php">

Enter No 1:

<input type="text" name="t1"><br>

Enter No 2:

<input type="text" name="t2"><br>

<input type="submit" value="calculate"><br>

</form>

<?PHP

$a=$\_POST["t1"];

$b=$\_POST["t2"];

$c=$a+$b;

$d=$a-$b;

$e=$a\*$b;

$f=$a/$b;

echo("Addtion=".$c);

echo("Substraction=".$d);

echo("Multiplication=".$e);

echo("Divison=".$f);

?>

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2) Write a PHP script to display a maximum of two numbers using a conditional operator.

<body>

<form method="post" acton="p14.php">

Enter no1:

<input type="text" name="t1"><br>

Enter no2:

<input type="text" name="t2"><br>

<input type="submit" value="calculate">

<input type="reset" value="clear">

</form>

</body>

</html>

<?php $a=$\_POST["t1"];

$b=$\_POST["t2"];

$a>$b?$m=$a: $m=$b; echo ("Max no=".$m);

?>

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3) Write a PHP script that will perform pre and post-increment of a number. (Example ++a, a++).

<body>

<form method="POST" action="p14.php">

Enter no :-

<input type="text" name="t1"><br>

<input type="submit" value="ok">

</form>

</body>

</html>

<?php

$a=$\_POST["t1"];

echo ("<br>value=".$a++);

$b=$\_POST["t1"];

echo ("<br>value=".++$b);

?>

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SET A:

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1). Write a PHP Script to display Quotient and Remainder of the division of two variables.

<form method="post" action="p14.php">

Enter No1 :

<input type="text" name="t1"><br>

Enter no2:

<input type="text" name="t2"><br>

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

</form>

</body>

</html>

<?php

$a=$\_POST["t1"];

$b=$\_POST["t2"];

$q=$a/$b;

$r=$a%$b;

echo("Quoient=".$q);

echo("<br>Reminder=".$r);

?>

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2). Write a PHP Script to swap the values of two variables.

<html>

<body>

<form method="POST" action="p14.php">

ENter No 1:

<input type="text" name="t1"><br>

Enter No 2:

<input type="text" name="t2"><br>

<input type="submit" value="swap">

</form>

</body>

</html>

<?php

{

$a = $\_POST["t1"];

$b = $\_POST["t2"];

$c = $a;

$a = $b;

$b = $c;

echo("After swapping a is: ".$a);

echo("<br>After swapping b is: ".$b);

}

?>

</body>

</html>

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3). Write a PHP Script which will convert temperatures from Celsius(C)to Fahrenheit (F). (Hint: C=5.0/9(F-32)

<html>

<body>

<form method="get" action="p14.php">

Enter temp in celcius:

<input type="text" name="t1"> <br>

<input type="submit" value="convert">

</form>

</body>

</html>

<?php

$c=$\_GET["t1"];

$f=$c\*9/5+32;

echo("Celsius to Fahrenheit=".$f);

?>

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SET B:

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1 ). Write a PHP Script to display the surface area and volume of a cuboid.(Hint: surface area=2(lb+lh+bh ), volume = l\*b\*h )

<body>

<form method="get" action="p14.php">

Enter length:

<input type="text" name="t1"> <br>

Enter breadth:

<input type="text" name="t2"> <br>

Enter Height:

<input type="text" name="t3"> <br>

<input type="submit">

</form >

</body>

</html>

<?php

$I=$\_GET["t1"];

$b=$\_GET["t2"];

$h=$\_GET["t3"];

$a=2\*(($I\*$b)+($I\*$h)+($b\*$h));

$v = $I \* $b \* $h;

echo ("<br> Surface area of cuboid=".$a);

echo ("<br> Volume of cuboid=".$v);

?>

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2) Write a PHP Script to calculate the area of Circle, Square, and Rectangle.

<html>

<body>

<form method="get" action="p14.php">

Enter Value of radius:

<input type="text" name="t1"> <br>

Enter value of side:

<input type="text" name="t2"> <br>

ENter value of height:

<input type="text" name="t3"> <br>

<input type="submit" value="area">

</form>

</body>

</html>

<?php

$r=$\_GET["t1"] ;

$s=$\_GET["t2"];

$h=$\_GET["t3"];

$c=3.14\*$r\*$r;

$s1=$s\*$s;

$r=$s\*$h;

echo("<br> Area of Circle=".$c);

echo("<br> Area of Square=".$s1);

echo ("<br> Area of Rectangle=".$r);

?>

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3). Write a PHP Script to display the total and percentage of Marks of Subjects (Out of 100) Data Structure, Digital Marketing,

PHP, SE, and Bigdata.

<html>

<body>

<form method="post" action="p14.php">

Enter Data structure MArks:

<input type="text" name="t1"> <br>

Enter Digital Marketing MArks:

<input type="text" name="t2"> <br>

Enter PHP Marks:

<input type="text" name="t3"> <br>

Enter Software Engineering MArks:

<input type="text" name="t4"> <br>

Enter Big data marks:

<input type="text" name="t5"> <br>

<input type="submit" value="Total\_per">

</form>

</body>

</html>

<?php

{

$m1 = $\_POST["t1"];

$m2 = $\_POST["t2"];

$m3 = $\_POST["t3"];

$m4 = $\_POST["t4"];

$m5 = $\_POST["t5"];

$t = $m1 + $m2 + $m3 + $m4 + $m5;

$p = $t / 5;

echo ("<br> Total marks = " . $t);

echo ("<br> Percentage=".$p);

}

?>

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SET C:

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1. Write a PHP Script to calculate the total cost of AIR Ticket Reservation and display the details for Name, Address, Contact No, Source,

Destination, Date of journey, Gender of passenger, No of Persons, Price per Ticket, etc.

<html>

<head>

<title>Air Ticket Reservation</title>

</head>

<body>

<form method="post" action="p14.php">

<h1>Air Ticket Reservation</h1>

Name:

<input type="text" name="t1"> <br>

Address:

<textarea name="address"></textarea> <br>

Contact Number:

<input type="number" name="contact"> <br>

Source:

<select name="source">

<option value="pune">Pune</option>

<option value="Shirdi">Shirdi</option>

<option value="mumbai">Mumbai</option>

</select> <br>

Destination:

<select name="destination">

<option value="pune">Pune</option>

<option value="Shirdi">Shirdi</option>

<option value="mumbai">Mumbai</option>

</select> <br>

Date of Journey:

<input type="date" name="journeyDate"> <br>

Gender:

<input type="radio" name="gender" value="Male"> Male

<input type="radio" name="gender" value="Female"> Female <br>

Number of Person:

<input type="number" name="numberOfPersons"> <br>

Price Per Ticket:

<input type="number" name="pricePerTicket"> <br>

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

<input type="reset">

</form>

<?php

{

$Sname = $\_POST["t1"];

$add = $\_POST["address"];

$contact = $\_POST["contact"];

$source = $\_POST["source"];

$destination = $\_POST["destination"];

$journeyDate = $\_POST["journeyDate"];

$gender = $\_POST["gender"];

$numberOfPersons = $\_POST["numberOfPersons"];

$pricePerTicket = $\_POST["pricePerTicket"];

$totalAmount = $numberOfPersons \* $pricePerTicket;

echo("<br> Name: $Sname");

echo("<br> Address: $add");

echo("<br> Contact Number: $contact");

echo("<br> Source: $source");

echo("<br> Destination: $destination");

echo("<br> Date of Journey: $journeyDate");

echo("<br> Gender: $gender");

echo("<br> Number of Person: $numberOfPersons");

echo("<br> Price Per Ticket: $pricePerTicket");

echo("<br> Total Amount: $totalAmount");

}

?>

</body>

</html>