Slip 6

1. Write an HTML script to accept two numbers (text boxes) and an arithmetic operation (radio buttons for +, -, /, \* and %) from user and write a PHP script to display the result of the operation on next page.

<!Doctype html>

<html>

<head>

<body bgcolor="gray">

<form name='myform' action='s20a.php' method='GET'>

Enter Number 1:<input type="number" name="number1"><br><br>

Enter Number 2:<input type="number" name="number2"><br><br>

+<input type="radio" name="opr" value='+'>

-<input type="radio" name="opr" value='-'>

\*<input type="radio" name="opr" value='\*'>

/<input type="radio" name="opr" value='/'><br><br><br>

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

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

</form>

</body>

</head>

</html>

////php

<?php

$a=$\_GET["number1"];

$b=$\_GET["number2"];

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

switch($c)

{

case '+':add($a,$b);

break;

case '-':sub($a,$b);

break;

case '\*':mul($a,$b);

break;

case '/':div($a,$b);

break;

}

function add($a,$b)

{

echo $a+$b . "Is addition";

}

function sub($a,$b)

{

echo $a-$b . "Is subtraction";

}

function mul($a,$b)

{

echo "Multiplication is".$a\*$b;

}

function div($a,$b)

{

echo "Division is".$a/$b;

}

?>

1. Consider the following entities and their relationship. Doctor ( doc\_no, dname, address, city, area) Hospital (hosp\_no, hname, hcity) Doctor-Hospital related with many-one relationship. Create a RDB in 3NF for above and solve the following. Using above database write a script in PHP to print the Doctor visiting to the hospital in tabular format. Accept hospital name from user [Use PostgreSQL]

<?php

$host="host=192.168.5.200";

$port="5432";

$dnm="dbname=bcaty11";

$c="user=bcaty11 password=";

$con=pg\_connect("$host $dnm $c");

if(!$con)

{

echo"An error occured\n";

exit;

}

else

echo"connected";

/\*pg\_query($con,"create table hospital(hosp\_no int primary key ,hnm varchar(10),hcity varchar(10));");

pg\_query($con,"create table doctor(d\_no int primary key ,d\_nm varchar(10),address varchar(20),city varchar(10),area varchar(10),hosp\_no int references hospital(hosp\_no) on delete cascade on update set null);");

pg\_query($con,"insert into hospital values(1,'Nobel','pune');");

pg\_query($con,"insert into hospital values(2,'DAmbani','Mumbai');");

pg\_query($con,"insert into hospital values(3,'saydhari','nashik');");

pg\_query($con,"insert into hospital values(4,'Dhanvantari','nagar');");

pg\_query($con,"insert into doctor values(11,'aa','a/5 ami park','pune','hadapsar',1)");

pg\_query($con,"insert into doctor values(12,'bb','sr 20 dove city','mumbai','thane',2)");

pg\_query($con,"insert into doctor values(13,'cc','abc society','nasik','MG road',2)");

pg\_query($con,"insert into doctor values(14,'dd','ABS villa','pune','karve road',3)");

pg\_query($con,"insert into doctor values(15,'ee','shivaji putala','nagar','bypass road',4)");\*/

$dd=$\_POST['p'];

$r1=pg\_query($con,"select d\_no,d\_nm,address,city,area from doctor natural join hospital where hnm='$dd';");

$a=pg\_fetch\_assoc($r1);

echo"<table border=1 align='center'>

<tr>

<th>DOC\_NO</th>

<th>DOC\_NAME</th>

<th>Address</th>

<th>city</th>

<th>area</th>

</tr>

<tr>

<td>".$a['d\_no']."</td>

<td>".$a['d\_nm']."</td>

<td>".$a['address']."</td>

<td>".$a['city']."</td>

<td>".$a['area']."</td>

</tr>

</table>";

?>

1. Viva [10M]