

**Q1)Write a PHP script for the following: Design a form to accept a string. Write a function to count the total number of vowels (a,e,i,o,u) from the string. Show the occurrences of each vowel from the string. Check whether the given string is a palindrome or not, without using built-in function. (Use radio buttons and the concept of function. Use 'include' construct or require stmt.)**

**Ans:**

slip1.html(file name svae as Xampp->htdocs floder)

Eg.C:\xampp\htdocs\ravi)

```
<html>
```

```
<body>
```

```
<form action="slip.php" method="post">
```

```
<h3>Enter Sting: <input type="text" name="str"
maxlength="20"></h3>
```

```
<h4>Opertions :</h4>
```

```
<input type="radio" name="op" value="1">Total Vowels<br>
```

```
<input type="radio" name="op" value="2">Occurances<br><br>
```

```
<input type = "radio" name = "op" value = "3"> Check String is
Palindrom or Not <br><br>
```

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

```
</form>
```

```
</body>
```

```
</html>
```

Slip.php



```

<?php
function cnt_vowels($a,$l)
{
    $v_cnt = 0;

    for($i = 0;$i < $l;$i++){
        if(( $a[$i] == 'a') || ($a[$i] == 'e') || ($a[$i] == 'i') || ($a[$i] == 'o') ||
            ($a[$i] == 'u') || ($a[$i] == 'A') || ($a[$i] == 'E') || ($a[$i] == 'I') ||
            ($a[$i] == 'O') || ($a[$i] == 'U')) $v_cnt++;
        }

        return $v_cnt;
    }
function occur_vowels($a,$l)
{
    $av=$ev=$iv=$ov=$uv=$cnt=0;
    for($i=0;$i<$l;$i++)
    {
        if(( $a[$i] == 'a') || ($a[$i] == 'A'))
            $av++;
        else if(( $a[$i] == 'e') || ($a[$i] == 'E'))
            $ev++;
        else if(( $a[$i] == 'i') ||
($a[$i] == 'I'))
            $iv++;
        else if(( $a[$i] == 'o') || ($a[$i] == 'O'))
            $ov++;
        else if(( $a[$i] == 'u') ||
($a[$i] == 'U'))
            $uv++;
        else $cnt++;
    }
}

```



```

    }

    echo "<br> Total 'a' : $av";
    echo "<br> Total 'e' : $ev";
    echo "<br> Total 'i' : $iv";
    echo "<br> Total 'o' : $ov";
    echo "<br> Total 'u' : $uv";
    echo "<br> Total consenents are : $cnt";

    $tot = $av+$ev+$iv+$ov+$uv;
    return $tot;
}

$str = $_POST['str'];
$op = $_POST['op'];
$l = strlen($str);
switch($op)
{
    case 1 : echo "string is :: $str<br>";
             $v_cnt = cnt_vowels($str,$l);
             echo "Total vowels are ::
$v_cnt<br>";
             break;
    case 2 : echo "string is :: $str<br>";
             $v_occ = occur_vowels($str,$l);
             echo "lenght is :: $v_occ<br>";
             break;
}

$str1=strrev($str);
$a=strlen($str);
$f=0;
for($j=0;$j<$a;$j++)
{

```



```
if($str1[$j]==$str[$j])
{
    $f=0;
}
else
{
    $f=1;
    break;
}
}
if($f==0)
{
    echo"string is palindrome";
}
else
{
    echo"string is not palindrome";
}
?>
```

### Output:- PHP Code Kaise Run Kare

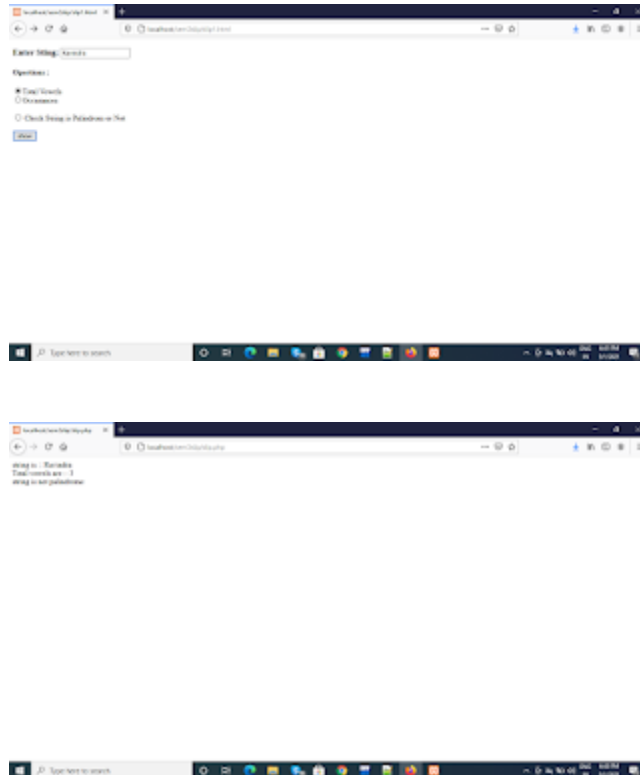
Step1: Xampp Control Panel Open

Start :Apache and Mysql

step 2: Open any Browser (eg.Chrome etc)

step 3:localhost/seam3slip/slip1.html





Q.2 Write a PHP script for the following: Design a form to accept two strings from the user. Find the first occurrence and the last occurrence of the small string in the large string. Also count the total number of occurrences of small string in the large string. Provide a text box to accept a string, which will replace the small string in the large string. (Use built-in functions)

Ans:-

slip2.html

<html>

<body>

<form action="rslip2.php" method="get">

<center>



```
<table>

<tr><td>Enter 1st String : </td><td><input type="text"
name="str1"></td></tr>

<tr><td>Enter 2nd String : </td><td><input type="text"
name="str2"></td></tr>

<tr><td>Enter String To Replace : </td><td><input type="text"
name="str3"></td></tr>

<tr><td>Occurance</td><td><input type="radio" name="ch"
value=1></td></tr>

<tr><td>Replace</td><td><input type="radio" name="ch"
value=2></td></tr>

<tr><td></td><td><input type="submit" value=Next></td></tr>

</table>

</center>

</form>

</body>

</html>
```

**rslip.php**

```
<?php

$str1 = $_GET['str1'];

$str2 = $_GET['str2'];

$str3 = $_GET['str3'];

$ch = $_GET['ch'];
```



```
echo "First String is = $str1.<br><br>";  
echo "second String is = ".$str2."<br><br>";  
echo "String for Replace is = ".$str3."<br><br>";
```

```
If(strlen($str1)>strlen($str2))
```

```
{
```

```
    switch($ch)
```

```
    {
```

```
        case 1 : $pos = strpos($str1,$str2);
```

```
            if($pos != 0)
```

```
                echo "string '$str2' Not present at  
the start of '$str1'.<br>";
```

```
            else echo "string '$str2' present at  
the start of '$str1'.<br>";
```

```
            break;
```

```
        case 2 : $str4 = str_replace($str2,$str3,$str1);
```

```
            echo "After replacing string $str4";
```

```
            break;
```

```
    }
```



```

}
else
{
    switch($ch)
    {
        case 1 : $pos = strpos($str2,$str1);
            if($pos != 0)
                echo "string '$str1' Not present at
the start of '$str2'.<br>";
            else echo "string '$str1' present at
the start of '$str2'.<br>";
            break;
        case 2 : $str4 = str_replace($str1,$str3,$str2);
            echo "After replacing string $str4";
            break;
    }
}
?>

```

**Q.3:-** Write a PHP script for the following: Design a form to accept two numbers from the user. Give options to choose the arithmetic operation (use radio buttons). Display the result on the next form. (Use the concept of function and default parameters. Use 'include' construct or require stmt).

**Ans:-**





## slip3.html

```
<html>

<body>

<FORM ACTION="rslip3.php" method="GET">

<table>

<tr><td><h3>Enter first no :</td><td><input type=text
name=no1  ></h3></td></tr>

<tr><td><h3>Enter second no :</td><td><input type=text
name=no2></h3></td></tr>

<tr><td><b>Select Operation which u have to perform
:</b></td></tr>

        <tr><td><input type=radio value="1"
name=cal>Addition</td></tr>

        <tr><td><input type=radio value="2"
name=cal>Substraction</td></tr>

        <tr><td><input type=radio value="3"
name=cal>Multiplication</td></tr>

        <tr><td><input type=radio value="4"
name=cal>Division</td></tr>

<tr><td></td><td><input type=submit name=submit
value=Calculate></td></tr>

</table>

</form>

</body>

</html>
```



rsnip.php

```
<?php
```

```
    $no1 = $_GET['no1'];
```

```
    $no2 = $_GET['no2'];
```

```
    $cal = $_GET['cal'];
```

```
if($cal==1)
```

```
{
```

```
    $add = $no1+$no2;
```

```
    echo "<h1>addition = ".$add."</h1>";
```

```
}
```

```
else if($cal == 2)
```

```
{
```

```
    $sub = $no1-$no2;
```

```
    echo "<h1>subtraction = ".$sub."</h1>";
```

```
}
```

```
    else if($cal == 3)
```

```
{
```

```
    $mult = $no1*$no2;
```

```
    echo "<h1>multiplication = ".$mult."</h1>";
```



```
}  
else if($cal == 4)  
{  
$div = $no1/$no2;  
  
echo "<h1>division = ".$div."</h1>";  
}  
?>
```

**Q.4 Write a PHP script for the following: Design a form to accept two strings from the user. Find whether the small string appears at the start of the large string. Provide a text box to accept the string that will replace all occurrences of small string present in the large string. Also split the large string into separate words. (Use regular expressions)**

**Ans:-**

**slip4.html**

```
<html>  
<body>  
<form action='slip4.php' method=post>  
<pre>  
Enter first string :<input type='text' name='str1'><br>  
Enter second string :<input type='text' name='str2'><br>
```



Enter string for replace:<input type='text'  
name='str3'><br></h2>

<input type='radio' name="ch" value=1>Occurence.

<input type='radio' name="ch" value=2>Replace.

<input type='radio' name="ch" value=3>split  
<input

type=submit value=ok>

<input type=reset value=cancel>

</pre>

</form>

</body>

</html>

**slip4.php**

<?php

\$str1=\$\_POST['str1'];

\$str2=\$\_POST['str2'];

\$str3=\$\_POST['str3'];

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



```

echo "First string=$str1.<br>";
echo "Second String=$str2.<br>";
echo "String for replace=$str3.<br>";
if(strlen($str1)>strlen($str2))
{
    switch($ch)
    {
        case 1: $pos=strpos($str1,$str2);
            if($pos!=0)
                echo "String '$str2' Not present at the start of
'$str1'.<br>";
            else
                echo "String '$str2' Present at the strat of
'$str1'.<br>";
            break;
        case 2:
            $str4=str_replace($str2,$str3,$str1);
            printf("\nAfter replacing string::");
            echo $str4;

            break;
    }
}

```



```

case 3: $s=preg_split("//",$str1);
        foreach($s as $v) echo "\t$v <br>";
    break;
}
}
else
{
    switch($ch)
    {
        case 1:$pos=strpos($str2,$str1);
            if($pos!=0)
                echo"String '$str1' Not present at the start of
'$str2'.<br>";
            else
                echo"String '$str1' Present at the start of
'$str2'.<br>";
            break;
        case 2: $str4=str_replace($str1,$str3,$str2);
                echo "After replacing string::$str4<br>";
            break;
        case 3:
            echo"After splitting the string::<br>";

```



```

        $s=preg_split("//",$str2);
        foreach($s as $v) echo "\t$v <br>";
    }
}

?>

```

**Q.5 Write a PHP script for the following: Design a form to accept the details of 5 different items, such as item code, item name, units sold, rate. Display the bill in the tabular format. Use only 4 text boxes. (Hint : Use of explode function.)**

**Ans:**

**slip5.html**

```

<html>

<head>

<style>
table {
    border-collapse: collapse;
}

table, th, td {
    border: 1px solid blue;
}

```



```
</style>
</head>
<body>
<form method="post" action="program5.php">
<center><h1>Enter details of 5 Items </h1>
<h3>item code <input type="text" name="itemcode"
placeholder="ex 11,12,13,14,15" /></h3>
<h3>item name <input type="text" name="itemname" /></h3>
<h3>units sold <input type="text" name="unitssold" /></h3>
<h3>rate <input type="text" name="rate" /></h3>
<input type="submit" value="Submit"/>
</center>
</form>
</body>
</html>
```

## program5.php

```
<?php
$itemcode = $_POST['itemcode'];
$itemname = $_POST['itemname'];
$unitssold = $_POST['unitssold'];
$rate = $_POST['rate'];
```





```
$i_code = explode(',',$itemcode);
```

```
$i_name = explode(',',$itemname);
```

```
$i_unit = explode(',',$unitssold);
```

```
$i_rate = explode(',',$rate);
```

```
$t_amt =  
(($i_unit[0]*$i_rate[0])+($i_unit[1]*$i_rate[1])+($i_unit[2]*$i_rate[  
2])+($i_unit[3]*$i_rate[3])+($i_unit[4]*$i_rate[4]));
```

```
echo "<table align=center border=1>";
```

```
echo "<tr><td> <b>Item Code</b> </td><td> <b>Item  
Name</b> </td><td><b> Units Sold</b> </td><td> <b>Rate  
</b></td></tr>";
```

```
echo  
"<tr><td>".$i_code[0]."</td><td>".$i_name[0]."</td><td>".$i_unit[  
0]."</td><td>".$i_rate[0]."</td></tr>";
```

```
echo  
"<tr><td>".$i_code[1]."</td><td>".$i_name[1]."</td><td>".$i_unit[  
1]."</td><td>".$i_rate[1]."</td></tr>";
```

```
echo  
"<tr><td>".$i_code[2]."</td><td>".$i_name[2]."</td><td>".$i_unit[  
2]."</td><td>".$i_rate[2]."</td></tr>";
```

```
echo  
"<tr><td>".$i_code[3]."</td><td>".$i_name[3]."</td><td>".$i_unit[  
3]."</td><td>".$i_rate[3]."</td></tr>";
```

```
echo  
"<tr><td>".$i_code[4]."</td><td>".$i_name[4]."</td><td>".$i_unit[  
4]."</td><td>".$i_rate[4]."</td></tr>";
```



```

        echo "<tr><th colspan=4></th></tr>";

        echo "<tr><th colspan=3>Total amount
</th><td>".$t_amt."</td></tr>";

        echo "</table>";

?>

```

**Q.6 Write a PHP script for the following: Design a form to accept two strings. Compare the two strings using both methods (= = operator & strcmp function). Append second string to the first string. Accept the position from the user; from where the characters from the first string are reversed. (Use radio buttons)**

**Ans:**

**slip6.html**

```

<html>

<head><title> .html</title></head>

<body bgcolor="violet" >

<form action="slip6.php" method="post">

<pre>

```

Enter first string ::<input type="text" name="str1">

Enter second string::<input type="text" name="str2">



Enter position::<input type='text' name="pos">

<input type="radio" name="ch" value=1>compare

datatype <input type="radio" name="ch" value=2>with

<input type="radio" name="ch" value=3>append.

for reverse. <input type="radio" name="ch" value=4>position

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

</pre>

</form>

</body>



</html>

## slip6.php

<?php

```
$str1=$_POST['str1'];
```

```
$str2=$_POST['str2'];
```

```
$pos=$_POST['pos'];
```

```
$ch=$_POST['ch'];
```

```
echo "First string :: $str1.<br><br>";
```

```
echo "Second string::$str2.<br><br>";
```

```
echo "position for reverse::$pos.<br><br>";
```

```
echo "choice is::$ch.<br><br>";
```

```
switch($ch)
```



```
{
case 1:
    if($str1==$str2)
        echo"Both string are equal.<br>";
    else
        echo"Both string are not equal.<br>";
break;
case 2:
    if($str1=== $str2)
        echo"Both are exat equal.<BR>";
    else
        echo"Both are not equal.<BR>";
break;
case 3:
    echo"After appending::";
    echo "$str1"."$str2";
    echo"<br>";
break;
case 4: $len=strlen($str1)-$pos;
    $s=substr($str1,$pos,$len);
    $str4=strrev($s);
```



```
        echo "After reverse:.$str4.<br>";  
    break;  
}
```

?>

**Q.7** Write a menu driven PHP program to perform the following operations on an associative array:

- i. Display the elements of an array along with the keys.
- ii. Display the size of an array
- iii. Delete an element from an array from the given index.
- iv. Reverse the order of each element's key-value pair.[Hint: use array\_flip()]
- v. Traverse the elements in an array in random order [[Hint: use shuffle()]].

**Ans:-**

**slip7.html**

```
<html>
```

```
<form action='slip7.php' method='post'>
```

```
<pre> <h3>OPERATIONS On  
Array</h3>
```

```
1<input type='radio' name='a' value='1'>Display.<br>
```

```
2<input type='radio' name='a' value='2'>size.<br>
```

```
3<input type='radio' name='a' value='3'>delete.<br>
```



```

4<input type='radio' name='a' value='4'>reverse.<br>
5<input type='radio' name='a' value='5'>traverse.<br>
  <input type='submit' value='ok'>    <input type='reset'
value='cancel'><br>
</pre>
</form>
</body>
</html>

```

## slip7.php

```

<?php

$array=array('zero'=>0,'one'=>1,'two'=>2,'three'=>3,'four'=>4,'five'
=>5);

$ch=$_POST['a'];

switch($ch)
{
case 1:foreach($array as $key=>$value)
    {
        echo"key:$key    val:$value.<br>";
    }break;
case 2:echo sizeof($array);
    break;

```



```

case 3 :
    $len=sizeof($array);
    array_splice($array,$len);
    print_r( $array);
    break;

case 4 :
    print_r(array_flip($array));
    break;

case 5 :
    shuffle($array);
    print_r($array);
    break;
}

?>

```

**Q.8 Write a menu driven PHP program to perform the following operations on associative arrays:**

- a) Sort the array by values (changing the keys) in ascending, descending order.
- b) Also sort the array by values without changing the keys.
- c) Filter the odd elements from an array.
- d) Sort the different arrays at a glance using single function.





e) Merge the given arrays.

f) Find the Union, intersection& set difference of two arrays.

Ans:

slip8.html

```
<html>
```

```
<body bgcolor="pink">
```

```
<form action="slip8.php" method="post">
```

```
<h2>Enter choice :</h2>
```

```
<input type="radio" name="ch" value=1> Sort array by values in  
ascending,descending order<br>
```

```
<input type="radio" name="ch" value=2> Sort array by values  
without changing key values <br>
```

```
<input type="radio" name="ch" value=3> Filter odd elements  
from array <br>
```

```
<input type="radio" name="ch" value=4> Sort different array at  
glance using single function<br>
```

```
<input type="radio" name="ch" value=5> Merge given two arrays  
<br>
```

```
<input type="radio" name="ch" value=6> Find intersection of  
two array <br>
```

```
<input type="radio" name="ch" value=7> Find union of two array  
<br>
```

```
<input type="radio" name="ch" value=8> Find set difference of  
two array <br>
```

```
<br>
```



```
<input type="submit" value="SUBMIT"> <input type="reset"
value="CLEAR">
```

```
</body>
```

```
</html>
```

```
<html>
```

```
<body bgcolor="gold">
```

**slip8.php**

```
<?php
```

```
function is_odd($var)
```

```
{
```

```
if($var%2==1)
```

```
return $var;
```

```
}
```

```
$choice=$_POST['ch'];
```

```
$arr=array('a'=>1,'b'=>2,'c'=>3,'d'=>4,'e'=>5,'f'=>6,'g'=>7,'h'=>8);
```

```
$arr1=array('l'=>11,'m'=>22,'n'=>33,'o'=>44,'p'=>55,'q'=>66,'r'=>77,
's'=>88);
```



```
$arr2=array('a'=>10,'b'=>20,'c'=>30,'d'=>40,'e'=>50,'f'=>60,'g'=>70,
'h'=>80);
```

```
switch($choice)
```

```
{
```

```
case 1:
```

```
sort($arr);
```

```
echo "Array in ascending order:<br>";
```

```
print_r($arr);
```

```
rsort($arr);
```

```
echo "<br>Array in descending order:<br>";
```

```
print_r($arr);
```

```
break;
```

```
case 2:
```

```
asort($arr);
```

```
echo "Array in ascending order:<br>";
```

```
print_r($arr);
```

```
arsort($arr);
```

```
echo "<br>Array in descending order:<br>";
```

```
print_r($arr);
```



```
break;
```

case 3:

```
print_r(array_filter($arr,'is_odd'));
```

```
break;
```

case 4:

```
array_multisort($arr,0,$arr1,1,$arr2,0);
```

```
print_r($arr);
```

```
echo "<br>";
```

```
print_r($arr1);
```

```
echo "<br>";
```

```
print_r($arr2);
```

```
echo "<br>";
```

```
break;
```

case 5:

```
print_r(array_merge($arr,$arr1));
```

```
break;
```

case 6:

```
print_r(array_intersect($arr,$arr1));
```

```
break;
```

case 7:

```
$union=array_merge($arr,$arr1);
```



```

        print_r(array_unique($union));
        break;
    case 8:
        print_r(array_diff($arr,$arr1));
        break;
    }

    echo "<br><a href ='slip8.html'> RETURN</a>";
?>
</font>
</body>
</html>

```

**Q.9 Write PHP script to define an interface which has methods area(), volume(). Define constant PI. Create a class cylinder which implements this interface and calculate area and volume.**

**Ans:**

**slip9.html**

```

<html>
<body>
<center>
<h2> Calculate area and value of cylinder</h2>

```



```
<form action="slip9.php" method="GET">
<h3> Enter radius : <input type="text" name="r"><br> </h3>
<h3> Enter height : <input type="text" name="h"><br><br> </h3>
<input type="submit" value="submit" name="Show">
<input type="reset" value="Reset" name="Reset">
</form>
</center>
</body>
<html>
```

### **slip9.php**

```
<?php
$r  = $_GET['r'];
$h  = $_GET['h'];
define('PI','3.14');

interface cal
{
    function area($r,$h);
    function vol($r,$h);
}
```



```

class cylinder implements cal
{
    function area($r,$h)
    {
        $area = 2*PI*$r*($r+$h);
        echo "<h3>The area of cylinder is
:$area</h3>";
    }
    function vol($r,$h)
    {
        $vol = PI*$r*$r*$h;
        echo "<h3>The volume of cylinder is
:$vol</h3>";
    }
}

$c = new cylinder;
    $c->area($r,$h);
    $c->vol($r,$h);

?>

```

**Q.10 Write class declarations and member function definitions for an employee(code, name, designation). Design derived classes as emp\_account(account\_no, joining\_date)**



from employee and emp\_sal(basic\_pay, earnings, deduction)  
from emp\_account. Write a menu driven PHP program a) to  
build a master table b) to sort all entries c) to search an entry  
d) Display salary

Ans:-

slip10.html

```
<!DOCTYPE html>

<html lang="en" dir="ltr">

  <head>

    <meta charset="utf-8">

    <title></title>

  </head>

  <body>

    <form class="" action="slip10.php" method="post">

      <input type="radio" name="rad" value="1">Build a Master
      Table <br><br>

      <input type="radio" name="rad" value="2">Sort all entries
      <br><br>

      <input type="radio" name="rad" value="3">Search an entry
      by Employee's Name

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

      <input type="radio" name="rad" value="4">Display Salary
      <br><br>

      <input type="submit" name="sub" value="Submit">
```





```
</form>
</body>
</html>
```

### slip10.php

```
<?php
class employee
{
    public $code,$name,$desig;
    function __construct($a,$b,$c)
    {
        $this->code=$a;
        $this->name=$b;
        $this->desig=$c;
    }
    public function display_emp()
    {
        echo'
        <td>'.$this->code.'</td>
```



```
        <td>'.$this->name.'</td>
        <td>'.$this->desig.'</td>
    ';
```

```
    public function getname()
    {
        return $this->name;
    }
}

class emp_acc extends employee
{
    public $ano,$jdate;
    function __construct($a,$b,$c,$d,$e)
    {
        parent::__construct($a,$b,$c);
        $this->ano=$d;
        $this->jdate=$e;
    }
    public function display_acc()
    {
```



```
echo'  
    <td>'.$this->ano.'</td>  
    <td>'.$this->jdate.'</td>  
    ';  
}  
}
```

```
class emp_sal extends emp_acc  
{  
    public $bpay,$earns,$ded,$total;  
    function __construct($a,$b,$c,$d,$e,$f,$g,$h)  
    {  
        parent::__construct($a,$b,$c,$d,$e);  
        $this->bpay=$f;  
        $this->earns=$g;  
        $this->ded=$h;  
        $this->total=$this->bpay + $this->earns - $this->ded;  
    }  
    public function display_sal()  
    {  
        echo'
```



```
<td>'.$this->bpay.'</td>
<td>'.$this->earns.'</td>
<td>'.$this->ded.'</td>
<td>'.$this->total.'</td>
```

```
',';
}
}
```

```
$emp[0]=new
emp_sal('A923B','Ravindra','Staff','10001','21/09/2011','20000','5
000','3000');
```

```
$emp[1]=new
emp_sal('A823B','Kiran','HR','10002','22/09/2011','25000','5000','
3000');
```

```
$emp[2]=new
emp_sal('A723B','Sudhir','Analyst','10003','23/09/2011','22000','5
000','3000');
```

```
$emp[3]=new
emp_sal('A623B','Mahesh','Organiser','10004','24/09/2011','2100
0','5000','3000');
```

```
$emp[4]=new
emp_sal('A523B','Ak','Manager','10005','25/09/2011','30000','500
0','3000');
```

```
$emp[5]=new
```



```
emp_sal('A423B','Ravi','Staff','10006','26/09/2011','20000','5000','3000');
```

```
$emp[6]=new  
emp_sal('A323B','Vashali','Analyst','10007','27/09/2011','21000','5000','3000');
```

```
$emp[7]=new  
emp_sal('A223B','Mahi','Organiser','10008','28/09/2011','21000','5000','3000');
```

```
$emp[8]=new  
emp_sal('A123B','Karna','Staff','10009','29/09/2011','20000','5000','3000');
```

```
$emp[9]=new  
emp_sal('A023B','Suraj','Staff','10010','30/09/2011','20000','5000','3000');
```

```
$ch=$_POST['rad'];
```

```
$ename=$_POST['ename'];
```

```
$flag=0;
```

```
function mastertable($emp)
```

```
{
```

```
    echo '<table border="1" width="100%">
```

```
        <tr>
```

```
            <th>Code</th>
```

```
            <th>Name</th>
```



<th>Designation</th>

<th>Ac No</th>

<th>Join date</th>

<th>Basic Pay</th>

<th>Earnings</th>

<th>Deduction</th>

<th>Total Salary</th>

</tr>';

for(\$i=0;\$i<10;\$i++)

{

echo '<tr>';

\$emp[\$i]->display\_emp();

\$emp[\$i]->display\_acc();

\$emp[\$i]->display\_sal();

echo '</tr>';

}

echo '</table>';

}

switch(\$ch)



```
{  
case 1:  
    mastertable($emp);  
    break;  
  
case 2: echo 'Sorting w.r.t Employee Code <br><br>';  
    function srt($a,$b)  
    {  
        return strcmp($a->code,$b->code);  
    }  
    usort($emp,"srt");  
  
    mastertable($emp);  
    break;  
  
case 3: echo "Searching for employee $ename .....<br><br>";  
    for($i=0;$i<10;$i++)  
    {  
        $temp=$emp[$i]->getname();  
        if($temp==$ename)  
        {
```



```
$flag=1;
break;
}
}
if($flag==0)
{
    echo "Not Found<br>";
}
else
{
    echo "Found in the records<br>";

}
break;
```

case 4: echo "Displaying Salary of all Employees .... <br><br>";

```
echo '<table border="1" width="100%">
    <tr>
        <th>Employee Name</th>
        <th>Basic Pay</th>
        <th>Earnings</th>
```





```

        <th>Deduction</th>

        <th>Total Salary</th>

    </tr>';
    for($i=0;$i<10;$i++)
    {
        echo '<tr>
            <td>'.$smp[$i]->getname().'</td>
            ';
        $smp[$i]->display_sal();

    }
    break;

}

?>

```

**Q.11** Derive a class square from class Rectangle. Create one more class circle. Create an interface with only one method called area(). Implement this interface in all the classes. Include appropriate data members and constructors in all classes. Write a PHP program to accept details of a square, circle and rectangle and display the area.



Ans:

slip11.html

```
<html>
```

```
<body bgcolor=#84E433>
```

```
<form action="slip11.php" method="post">
```

```
<pre>
```

```
<h1>Circle:</h1>
```

Radius: <input type="text" name="p"><BR>

```
<h1>
```

```
square:</h1>
```

side: <input type="text" name="q"><BR>

```
<h1>
```

Rectangle:

```
</h1>
```

length: <input type="text" name="n"><BR>

Breadth: <input type="text" name="m"><BR>

```
<input type="submit" value="submit"> <input type="reset" value="cancel">
```



```
</pre>
</form>
</body>
</html>
```

**slip11.php**

```
<html>
<body>
<?php
$p=$_POST['p'];
$q=$_POST['q'];
$n=$_POST['n'];
$m=$_POST['m'];
```

interface one

```
{
    function area($n,$m);
}
```

class rect implements one

```
{
```



```

function area($n,$m)

{
    $area=$n*$m;
    echo"Area of rectangle.....: ".$area;
    echo"<br><BR>";
}
}

class square extends rect
{
    function area($q,$q1)
    {
        $area=$q*$q1;
        echo"Area of Square.....: ".$area;
        echo"<BR><br>";
    }
}

class circle
{
    function area($p)

```



```

    {
        $area=0.5*$p*$p;
        echo"Area of circle.....:". $area;
        echo"<br><BR>";
    }
}

$o=new rect();
$o->area($n,$m);
$s=new square();
$s->area($q,$q);
$c=new circle();
$c->area($p);
echo "<br>";
?>

<a href="slip11.html">come back</a><br>

</body>

</html>

```

**Q.12. Write PHP Script to create a class account (accno,cust\_name). Derive two classes from account as saving\_acc(balance, min\_amount) and current\_acc(balance, min\_amount). Display a menu a) Saving Account b) Current Account For each of this display a menu with the following options. 1. Create account 2. Deposit 3. Withdrawal**

**Ans:**



## slip12.html

```
<!DOCTYPE html>

<html>

  <body>

    <form action="slip12.php" method="GET">

      Please select your Account<br />

      <input type="checkbox" name="check_b[]" value="saving"
/>Saving Account<br />

      <input type="checkbox" name="check_b[]" value="current"
/>Current Account<br />

      <select id="saving">

        <option value="create">Create</option>

        <option value="deposit">Deposit</option>

        <option value="withderw">Withderw</option>

      </select>

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

    </form>

  </body>

</html>
```

## slip12.php



```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<?php
```

```
class Account {
```

```
    public $acc_no;
```

```
    public $acc_name;
```

```
    public function __construct($acc_name, $acc_no) {
```

```
        $this->acc_name = $acc_name;
```

```
        $this->acc_no = $acc_no;
```

```
    }
```

```
    public function intro() {
```

```
        echo "The Account name {$this->acc_name} and Account No  
is {$this->acc_no}.";
```

```
    }
```

```
}
```

```
class saving_acc extends Account {
```

```
    public $balance;
```

```
    public $min_amount;
```

```
    public function __construct($acc_name, $acc_no,
```



```

$balance,$min_amount) {
    $this->acc_name = $acc_name;

    $this->acc_no = $acc_no;
    $this->balance = $balance;
    $this->min_amount = $min_amount;
}

public function intro() {
    echo "<table border='2'>";

    echo "<tr><td>Account Name</td><td>Account
no</td><td>balance</td><td>min_balance</td></tr>";

    echo "<tr><td>{$this->acc_name}</td>";
    echo "<td>{$this->acc_no}</td>" ;
    echo "<td>{$this->balance}</td>";
    echo "<td>{$this->min_amount}</td></tr>";

}
}

```





```

class current_acc extends Account {
    public $blan;
    public $min_amt;
    public function __construct($acc_name, $acc_no,
    $blan,$min_amount) {
        $this->acc_name = $acc_name;
        $this->acc_no = $acc_no;
        $this->blan = $blan;
        $this->min_amount = $min_amount;
    }
    public function intro() {

        echo " <tr><td>{$this->acc_name}</td>";
        echo "<td>{$this->acc_no}</td>" ;
        echo "<td>{$this->blan}</td>";
        echo "<td>{$this->min_amount}</td></tr> ";

    }
}

echo"</table>";

$saveing_acc= new saveing_acc("Ravindra", 1111, 5000,1000);
$saveing_acc->intro();

```



```
$current_acc=new current_acc("Kiran",2222,100000,1000);  
$current_acc->intro();  
?>
```

```
</body>
```

```
</html>
```

**Q.13 Implement calculator to convert distances between (both ways) miles and kilometres. One mile is about 1.609 kilometres. User interface (distance.html) has one text-input, two radio-buttons, submit and reset -buttons. Values are posted to PHP-script (distance.php) which calculates the conversions according the user input.**

**Ans:**

**slip13.html**

```
<html>
```

```
<body>
```

```
<center>
```

```
<h2> Calculate km and mile</h2>
```

```
<form action="slip13.php" method="POST">
```

```
Enter Distance :<input type="text" name="distance" /><br/>
```

```
Kms:<input type="radio" name="units" value="kms" /><br/>
```

```
Miles:<input type="radio" name="units" value="miles" />
```

```
<br/>
```

```
<input type="submit" value="submit" name="Show" />
```



```
<input type="reset" value="Reset" name="Reset" />
</form>
</center>
</body>
<html>
```

### slip13.php

```
<?php
$distance=$_POST['distance'];
$units=$_POST['units'];
if($units=='kms'){
    $miles=$distance/1.60934;
    echo'The distance is'.round($miles).'miles.';

}else{
    $kms=$distance*1.60934;
    echo'The distance is'.round($kms).'kms.';
}
?>
```

**Q. 14 Using regular expressions check for the validity of entered email-id. The @ symbol should not appear more than once. The dot (.) can appear at the most once before @ and at the most twice or at least once after @ symbol. The substring**



before @ should not begin with a digit or underscore or dot or @ or any other special character.

Ans:

**slip14.html**

```
<html>

<body>

<form name="form1" method="post" action="slip14.php">
Enter the EmailID *<input type="text" name="email"></input>
<input type="submit" value="submit"></input>
</form>
</body>
</html>
```

**slip14.php**

```
<?php

$email=$_POST['email'];

$regex = '/^[_a-z0-9-]+\(\.[a-z0-9-]+\)*@[a-z0-9]+\(\.[a-z0-9-]+\)*(\.[a-z]{2,3})$/';

if(preg_match($regex,$email)){

    echo $email . "it is valid email id";

}
```



```

else
{
    echo $email ."invalid email,Please try again.";

}

?>

```

**Q.15 Write PHP program to create input form for Grocery that displays List of grocery items with checkboxes and create a bill according to list of items selected after clicking submit button.**

**Ans:**

**slip15.html**

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<form action="slip15.php" method="GET">
```

```
    Please select your gelosery<br />
```

```

        <input type="checkbox" name="check_b[]" value="rice"
    />Rice<br />

```

```

        <input type="checkbox" name="check_b[]" value="oils"
    />Oils<br />

```

```

        <input type="checkbox" name="check_b[]" value="milk"

```



```
/>Milk<br />
```

```
    <input type="checkbox" name="check_b[]" value="bread"  
/>Bread<br />
```

```
    <input type="submit" value="sumbit" />
```

```
</form>
```

```
</body>
```

```
</html>
```

### slip15.php

```
<?php
```

```
$hostname="127.0.0.1";
```

```
$db_name="grecery";
```

```
$username="root";
```

```
$password="";
```

```
$connection=mysqli_connect("$hostname","$username","$pass  
word","$db_name")or
```

```
die("unable to connect");
```

```
if(!$connection){
```

```
    echo"Error:Unable to connect to MySQL.<br>";
```

```
    echo"<br>Debugging errno: ".mysqli_connect_errno();
```

```
    echo"<br>Debugging errno: ".mysqli_connect_errno();
```

```
    exit;
```



```

}

if($stmt = $connection->query("SELECT * FROM `bill` ")){

    echo "<table border='2'>";

    echo "<tr><td>sr.no</td><td>Name  
Item</td><td>Quantity</td><td>Rate</td><td>Amount</td></tr>  
";

    while($row=$stmt->fetch_assoc()){

        echo "<tr><td>".$row['s.no']. "</td>";

        echo "<td>". $row['Name Item']. "</td>";

        echo "<td>".$row['Quntity']. "</td>";

        echo "<td>".$row['Rate']. "</td>";

        echo "<td>".$row['Amount']. "</td></tr>";

    }

    echo "</table>";

}

?>

```

**phpmyadmin create database:**



step1:chrome type **localhost/phpmyadmin**

step2: create new database **"grecery"**

```
CREATE TABLE `bill` (  
  `s.no` int(11) NOT NULL,  
  `Name Item` varchar(11) NOT NULL,  
  `Quntity` int(11) NOT NULL,  
  `Rate` int(11) NOT NULL,  
  `Amount` int(11) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

```
INSERT INTO `bill` (`s.no`, `Name Item`, `Quntity`, `Rate`,  
  `Amount`) VALUES
```

```
(1, 'Rice', 670, 35, 3500),
```

```
(2, 'Oils', 345, 120, 12222);
```

```
ALTER TABLE `bill`
```

```
  ADD PRIMARY KEY (`s.no`);
```

```
ALTER TABLE `bill`
```

```
  MODIFY `s.no` int(11) NOT NULL AUTO_INCREMENT,  
  AUTO_INCREMENT=3;
```

```
COMMIT;
```

Q 19. Write a PHP script to keep track of number of times the web page has been accessed.





## coo8.html

```
<html>

<body>

<form method=post action=coo8.php>

Enter name<input type=text name=nm><p>

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

</form>

</body>

</html>
```

## coo8.php

```
<?php

$name = 'visitCount';

if(!isset($_COOKIE[$name])){

    $_COOKIE[$name] = 0;

}

$_COOKIE[$name] = 1+(int) max(0,$_COOKIE[$name]);
```



```

$result = setcookie($name,$_COOKIE[$name]);

if(!$result) {

    throw new RuntimeException("Failed
to set cookie \"$name\");

}

echo "Hello <b>".$_POST['nm']. "</b><br>";

echo "<br/> You have accessed the page
<b>".$_COOKIE[$name]. "</b>
times<br>";

echo "<br/><a href='coo8.html'>coo8.html</a>";

?>

```

**Q.21 Change the preferences of your web page like font style, font size, font color, background color using cookie.**

**Display selected settings on next web page and actual implementation (with new settings) on third web page.**

**font.html**

```
<html>
```

```
<body>
```

```
<form method="post" action="font.php">
```

```
<b>Enter string:</b><input type="text"
```



```
name="str" /></br>
```

```
<b>Enter font :</b><input type="text"  
name="fontname" /></br>
```

```
<b>Enter Background color:</b><input type="text"  
name="bname" />
```

```
<input type="submit" name="submit" />
```

```
</form>
```

```
</body>
```

```
</html>
```

**font.php**

```
<?php
```

```
if($_POST['submit']) {
```

```
    //$fontName = $_POST['fontname'];
```

```
    //$bcolor = $_POST['bname'];
```

```
    //$_COOKIE['fname'] =
```



```
$_POST['fontname'];

setcookie('bname',$_POST['bname']);

setcookie('fname',$_POST['fontname']);

setcookie('str',$_POST['str']);


echo "<b>Entered String
:</b>".$_POST['str'];

echo "</br><b>Selected
font :</b>".$_POST['fontname'];

echo "</br><b>Selected
Background color :</b>".$_POST['bname'];

echo "</br><a
href='view.php'>View Implmentation</a>";

}
```

?>

**view.php**

<html>

<?php

```
echo "<body bgcolor='".$_COOKIE['bname']."'><font
face='".$_COOKIE['fname']."'
size='8'>".$_COOKIE['str']."'</font>";
```



```
?>
<html>
```

2) Write a PHP script to accept an .XML file which should comprise the following:

```
<cricket><player>abc</player><runs>1000</runs><wickets>50
</wickets><noofnotout>10</noofnotout></cricket>
```

For at least 5 players.

Display the details of players who have scored more than 1000 runs and at least 50 wickets.<?xml version='1.0'>

```
<cricketinfo>
```

```
<cricket>
```

```
<player>abc</player>
```

```
<runs>1000</runs>
```

```
<wickets>50</wickets>
```

```
<noofnotout>10</noofnotout>
```

```
</cricket>
```



<cricket>

<player>aaa</player>

<runs>1000</runs>

<wickets>40</wickets>

<noofnotout>10</noofnotout>

</cricket>

<cricket>

<player>bbb</player>

<runs>1000</runs>

<wickets>40</wickets>

<noofnotout>10</noofnotout>

</cricket>

<cricket>

<player>ccc</player>

<runs>1000</runs>

<wickets>40</wickets>

<noofnotout>10</noofnotout>



</cricket>

<cricket>

<player>ddd</player>

<runs>1000</runs>

<wickets>40</wickets>

<noofnotout>10</noofnotout>

</cricket>

</cricketinfo>

**slip20.php**

<?php

\$d=new DOMDocument();

\$d->load("slip28.xml");

\$run=\$d->getElementsByTagName('runs');

\$wic=\$d->getElementsByTagName('wickets');

\$name=\$d->getElementsByTagName('player');

foreach(\$name as \$n)



```

{

    if($run=='1000'
    && $wic>='50')

        echo
        "<br>".$n->textContent;

    else
        "not";

}

?>

```

Q 21 Write a PHP script to create a form to accept student information (name, class, address). Once the student information is accepted, accept marks in next form (Phy, Bio, Chem, Maths, Marathi, English). Display the mark sheet for the student in the next form containing name, class, marks of the subject, total and percentage.

**first.php**

```

<html>

<body>

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

<b>Student No:- </b><input type="text"
name="sno"></br>

```





```
<b>Student Name:- </b><input type="text"
name="sname"></br>
```

```
<b>Student class:- </b><input type="text"
name="class"></br>
```

```
<b>Student address:- </b><input type="text"
name="address"></br>
```

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

```
</form>
```

```
</body>
```

```
</html>
```

**second.php**

```
<html>
```

```
<body>
```

```
<?php
```

```
/*session_start();
```

```
$_SESSION["sno"]=$_POST["sno"];
```



```

$_SESSION["sname"]=$_POST["sname"];

$_SESSION["sclass"]=$_POST["class"];

$_SESSION["address"]=$_POST["address"];*/

setCookie('sno',$_POST["sno"]);

setCookie('sname',$_POST["sname"]);

setCookie('class',$_POST["class"]);

setCookie('address',$_POST["address"]);

echo"Hello".$_POST["sname"]."!Enter
Marks....<br>";

?>

```

Q22 .Write a PHP program to create a shopping mall UI. User must be allowed to do purchase from two pages. Each page should have a page total. The third page should display a bill, which consists of a page total of whatever the purchase has been done and print the total. (Use http session tracking).

first.php

```

<html><head><title>Shopping
Mall</title></head><body><form
method ="post" action="second.php"><b>Wow
Shopping</b><table><tr><td><table><tr><td><b>Java
Book</b><input type="radio" name="book"
value="java"></td><td><b>Prize:100</b></td></tr><tr><td><b>

```



CPP

```
Book</b><input type="radio" name="book"
value="cpp"></td><td><b>Prize:120</b></td></tr><tr><td><b>I
T
Book</b><input type="radio" name="book"
value="it"></td><td><b>Prize:150</b></td></tr></table></td></
tr><tr><td><input
type="submit" name="submit"
value="Purchase"></td></tr></table></form></body></html>
```

**second.php**

```
<html><body><?phpsession_start();if(isset($_POST['book'])) { if(
$_POST['book'] == 'java') { $_SESSION["bprize"]=100;
$_SESSION["bname"]=$_POST["book"]; } if($_POST['book'] ==
'cpp') { $_SESSION["bprize"]=120;
$_SESSION["bname"]=$_POST["book"]; } if($_POST['book'] ==
'it') { $_SESSION["bprize"]=150;
$_SESSION["bname"]=$_POST["book"]; } } ?> <form
method="post" action="third.php"><b>Wow
Shopping
Mobile</b><table><tr><td><table><tr><td><b>Samsung
</b><input type="radio" name="book"
value="samsung"></td><td><b>Prize:10000</b></td></tr><tr><
td><b>Micromax</b><input
type="radio" name="book"
value="micromax"></td><td><b>Prize:12000</b></td></tr><tr>
<td><b>Apple</b><input
type="radio" name="book"
value="apple"></td><td><b>Prize:15000</b></td></tr></table><
/td></tr><tr><td><b>Total</b></td><td><?php
echo $_SESSION["bprize"];?></td></tr><tr><td><input
type="submit" name="submit"
value="Purchase"></td></tr></table></form></body></html> th
```



```

ird.php <html><body><?phpsession_start();if(isset($_POST['book']))){ if($_POST['book'] == 'samsung') {
$_SESSION["mprize"]=10000;
$_SESSION["mname"]=$_POST["book"]; } if($_POST['book'] ==
'micromax') { $_SESSION["mprize"]=12000; $_SESSION["mname"]=$_POST["book"];
} if($_POST['book'] == 'apple') { $_SESSION["mprize"]=15000;
$_SESSION["mname"]=$_POST["book"]; }} ?><form
method = "post" action="fourth.php"><b>Wow
Shopping
Laptop</b><table><tr><td><table><tr><td><b>Samsung
</b><input type="radio" name="book"
value="samsung"></td><td><b>Prize:45000</b></td></tr><tr><
td><b>Lenovo</b><input
type="radio" name="book"
value="lenovo"></td><td><b>Prize:35000</b></td></tr><tr><td>
<b>Apple</b><input
type="radio" name="book"
value="apple"></td><td><b>Prize:60000</b></td></tr></table><
/td></tr><tr><td><b>Total</b></td><td><?php
echo
$_SESSION['bprize']+$_SESSION['mprize'];?></td></tr><tr><td><i
nput
type="submit"
value="Purchase"></td></tr></table></form></body></html> fo
urth.php <html><body><?phpsession_start();if(isset($_POST['bo
ok']))){ if($_POST['book'] == 'samsung') {
$_SESSION["lprize"]=45000;
$_SESSION["lname"]=$_POST["book"]; } if($_POST['book'] ==
'lenovo') { $_SESSION["lprize"]=35000;
$_SESSION["lname"]=$_POST["book"]; } if($_POST['book'] ==
'apple') { $_SESSION["lprize"]=60000;
$_SESSION["lname"]=$_POST["book"]; }} ?><table><tr><td>Your

```



```

selected Products</td></tr><tr><td><?php
echo $_SESSION['bname']; ?></td><td><?php
echo $_SESSION['bprize']; ?></td></tr><tr> <td><?php
echo $_SESSION['mname']; ?></td><td><?php
echo $_SESSION['mprize']; ?></td></tr><tr><td><?php
echo $_SESSION['lname']; ?></td><td><?php
echo $_SESSION['lprize'];
?></td></tr><tr><td><b>Total</b></td><td><?php
echo
$_SESSION['bprize']+$_SESSION['mprize']+$_SESSION['lprize'];
?></td></tr> </table></form></body></html>

```

Q 23. Write a PHP script to create a form to accept customer information (name, address, ph-no). Once the customer information is accepted, accept product information in the next form (Product name, qty, rate). Display the bill for the customer in the next form. Bill should contain the customer information and the information of the products entered.

**first.php**

```
<html>
```

```
<body>
```

```
<form method ="post" action="second.php">
```

```
<table border="1">
```

```
<tr>
```

```
<td>customer Name:-</td>
```



```
<td><input type="text"
name="name"></td>
```

```
</tr>
```

```
<tr>
```

```
<td>customer Phone Number:-</td>
```

```
<td><input type="text"
name="ph-no"></td>
```

```
</tr>
```

```
<tr>
```

```
<td>customer address:-</td>
```

```
<td><input type="text"
name="address"></td>
```

```
</tr>
```

```
<tr>
```

```
<td></td>
```

```
<td><input type="submit"
value="save"></td>
```

```
</tr>
```



```
</table>
```

```
</form>
```

```
</body>
```

```
</html>
```

**second.php**

```
<html>
```

```
<body>
```

```
<?php
```

```
setCookie('name',$_POST["name"]);
```

```
setCookie('ph-no',$_POST["ph-no"]);
```

```
setCookie('address',$_POST["address"]);
```

```
echo"Hello".$_POST["name"]."!Enter  
Details....<br>";
```

```
?>
```

```
<form method ="post" action="third.php">
```

```
<table border="1">
```

```
<tr><td>Product name</td><td><input  
type="text" name="pname"></td></tr>
```



```
<tr><td>qty</td><td><input  
type="text" name="qty"></td></tr>
```

```
<tr><td>rate</td><td><input  
type="text" name="rate"></td></tr>
```

```
<tr><td></td><td><input  
type="submit" name="submit"  
value="DISPLAY"></td></tr>
```

```
</table>
```

```
</form>
```

```
</body>
```

```
</html>
```

**third.php**

```
<html>
```

```
<body>
```

```
<?php
```

```
echo "<b> customer Details</b><br>";
```

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

```
echo "<tr><td>";
```





```
echo"customerName:".$_COOKIE["name"]."<br>;
```

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

```
echo "<tr><td>";
```

```
echo"customer  
phone:-".$_COOKIE["ph-no"]."<br>;
```

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

```
echo "<tr><td>";
```

```
echo"Studcustomerent  
address:-".$_COOKIE["address"]."<br>;
```

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

```
echo "<tr><td>";
```

```
echo "<b> customer Bill</b><br>;
```

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

```
echo "<tr><td>";
```

```
echo"pname:".$_REQUEST["pname"];echo  
"</tr></td>";
```

```
echo "<tr><td>";
```

```
echo"qty:".$_REQUEST["qty"];echo  
"</tr></td>";
```



```

echo "<tr><td>";

echo"rate:".$_REQUEST["rate"];echo
"</tr></td>";

echo "</table>";

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

{

    $qty=(int)$_POST['qty'];

    $rate=(int)$_POST['rate'];

    $total = $qty*$rate;

    echo"Total=".$total;

}

?>

</body>

</html>

```

Q 24. Write a PHP script to accept username and password. If in the first three chances, username and password entered is correct, then display second form, otherwise display error message.



```
<?php

//$_SESSION['chance']=";

session_start();

//session_register("chance");

//session_register("chance");

//echo $_SESSION['chance'];

if($_SERVER['REQUEST_METHOD']=='GET')

{

?>

    <form method="post"
    action="<?php echo $_SERVER['PHP_SELF']?>">

        <B>Name</b><input
        type="text" name="fname" value="<?php
        if(isset($_POST['fname']))echo $_POST['fname'];?>" />

        <B>password</b><input
        type="pwd" name="pwd" value="<?php
        if(isset($_POST['pwd']))echo $_POST['pwd'];?>" />

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

    </form>
```



```
<?php

}

elseif($_SERVER['REQUEST_METHOD']=='POST')

{

$name=$_POST['fname'];

$password=$_POST['pwd'];

if(($name=="n")&&($password=="e"))echo
"hi<a href='next.php'>next form</a></br>";

else {

$_SESSION['chance']++;

echo "wrong username &
password, Chance ".$_SESSION['chance']." gone!!!";

//$_SESSION['chance'] = $chance;

}

if($_SESSION['chance']==3)
echo"<br/>sorry....ur chances are finished";

}

else{
```



```
die("not able");
```

```
}
```

```
?>
```

Q 26. Consider the following entities and their relationships  
Doctor (doc\_no, doc\_name,  
address, city, area) Hospital (hosp\_no, hosp\_name, hosp\_city)  
Doctor and Hospital are  
related with many-many relationship. Create a RDB in 3 NF for  
the above and solve  
following Using above database, write a PHP script which  
accepts hospital name and  
print information about doctors visiting / working in that  
hospital in tabular format.

```
<html>
```

```
<body>
```

```
<form action="slip26.php" method="get">
```

```
Enter the name of Hospital name : <input type="text"  
name=hname><br>
```

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

```
</form>
```

```
</body>
```

```
<html>
```



slip26.php

```
<?php
```

```
$database="archana"; //database name
```

```
$hname=$_GET['hname'];
```

```
$con=@mysql_connect("localhost","root","");//for  
wamp 3rd feild is balnk
```

```
if(!$con)
```

```
{
```

```
die('Could not connect: ' . mysql_error());
```

```
}
```

```
mysql_select_db("$database",$con);
```

```
$result=mysql_query("select * from doctor,hospital,dh where  
doctor.doc_no=dh.doc_no and hospital.hosp_no=dh.hos_no  
and
```



```
hosp_name='$hname'')or die(mysql_error());
```

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

```
echo"<tr><th>dno</th><th>name</th><th>address</th></tr>";
```

```
while($row=mysql_fetch_array($result))
```

```
{
```

```
echo"<tr><td>";
```

```
echo $row['doc_no'];
```

```
echo"</td><td>";
```

```
echo $row['doc_name'];
```

```
echo"</td><td>";
```

```
echo $row['address'];
```

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

```
}
```

```
echo"</table>";
```

```
mysql_close($con);
```

```
?>
```



Q 28. Consider the following entities and their relationships  
student (sno integer, s\_name char(30), s\_class char(10), s\_addr  
char(50)),

teacher (tno integer, t\_name char (20), qualification char  
(15),experience integer).

The relationship between student-teacher: m-m with descriptive  
attribute subject.

Using above database write a script in PHP to accept a teacher  
name from user and  
display the names of students along with subjects to whom  
teacher is teaching.

```
<html>
```

```
<body>
```

```
<form action="s28.php"  
method="POST">
```

```
<table border=1>
```

```
<tr>
```

```
<td>Enter teacher's name : </td>
```

```
<td> <input type="text"  
name="tname"></td>
```

```
</tr>
```

```
<tr><td></td><td><input
```





```
type="submit" name="submit"  
value="Submit"></td></tr>
```

```
</form>
```

```
</body>
```

```
</html>
```

S28.php

```
<?php
```

```
$database="archana2";
```

```
$con  
=mysqli_connect("localhost","root","");
```

```
if (!$con)
```

```
{
```

```
die('Could not connect: ' . mysqli_error());
```

```
}
```

```
mysqli_select_db ($con,$database);
```

```
$tname=$_POST['tname'];
```



```
echo $query="select sname,subject from  
student,s_t,teacher where student.sno=s_t.sno and  
teacher.tno=s_t.tno and tname="".$tname.""";
```

```
$result=mysqli_query($con,$query);
```

```
if(!$result)
```

```
{
```

```
die("An error occurred...");
```

```
}
```

```
echo '<table>
```

```
<tr>
```

```
<th>Sname</th>
```

```
<th>Subject</th>
```

```
</tr>';
```

```
while($row=mysqli_fetch_array($result))
```

```
{
```

```
echo'
```



```

<tr>

<td>'.$row[0].</td>

<td>'.$row[1].</td>

</tr>';

}

echo '</table>';

mysqli_close($con);

?>

```

Q 30. Considerer the following entities and their relationships  
 Student (Stud\_id,name,class)  
 Competition (c\_no,c\_name,type)  
 Relationship between student and competition is many-many with  
 attribute rank and  
 year. Create a RDB in 3NF for the above and solve the following.  
 Using above  
 database write a script in PHP to accept a competition name from  
 user and display  
 information of student who has secured 1st rank in that  
 competition.

### Slip30.html

```

<html> <body> <form
action="slip30.php" method="get"> Enter the name of
competition : <input type=text
name=comname><br><input
type=submit value=SUBMIT> </form> </body> <html>

```



## Slip30.php

```
<?php $database="archana2";
//database
name $c_name=$_GET['comname']; $con=mysqli_connect("localhost","root"
,"");//for wamp 3rd feild is balnk if(!$con) { die('Could not
connect: ' .
mysqli_error()); } mysqli_select_db($con,$database);$result=mysqli_
query($con,"select
* from stud,compe,scc where stud.stud_id=scc.stud_id and
scc.c_no=compe.c_no and c_name='$c_name'
and rank=1")or die(@mysqli_error()); echo"<table
border='1'>"; echo"<tr><th>sid</th><th>name</th><th>class</th>
</tr>"; while($row=mysqli_fetch_array($result)) { echo"<tr><td
>";echo
$row['stud_id']; echo"</td><td>"; echo
$row['name']; echo"</td><td>"; echo
$row['class']; echo"</td></tr>"; } echo"</table>"; mysqli_close($
con); ?>
```

