

## TY\_BCS\_PHP\_ 10 Marks Slips

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Slip no. 1. Design HTML form, accept student Name, Age, and Mobile No. from user. Using java Script validate for following

- a) Student Name should not be empty.
  - b) Student Age must be between 1 to 20.
- 

### HTML file :

```
<html>
<head>
<style>
span
{
    color: red;
    font-size: 15px;
    float: right;
}
</style>
<script type="text/javascript" >
    function val_stud_name(inputfield,helpertext)
    {
        if(inputfield.value.length == 0)
        {
            if(helpertext != null)
            {
                helptext.innerHTML= "* Student name should not be empty";
            }
            return false;
        }
        else
        {
            if (helpertext != null)
                helptext.innerHTML = "";
            return true;
        }
    }

    function val_stud_age(inputfield,helpertext)
    {
        if(1 >= inputfield.value || inputfield.value >= 20)
        {
            if(helpertext != null)
            {
```

```

        helptext.innerHTML= "* Age must be between 1 to 20";
    }
    return false;
}
else if(1 <= inputfield.value || inputfield.value <= 20)
{
    if (helptext != null)
        helptext.innerHTML = "";
    return true;
}
}

</script>
</head>
<body>
<table align="center">
<tr>
<td><label>Name</label></td>
<td><input type="text" placeholder="Enter your name here" name="s_name" id="s_name"
onblur="val_stud_name(this,document.getElementById('s_nm'));"></td>
</tr>
<tr><td></td><td><span id="s_nm"></span></td></tr>

<tr>
<td><label>Age</label></td>
<td><input type="text" placeholder="Enter your age here" name="age" id="age"
onblur="val_stud_age(this,document.getElementById('s_age'));"></td>
</tr>
<tr><td></td><td><span id="s_age"></span></td></tr>

<tr>
<td><label>Mobile no </label></td>
<td><input type="text" placeholder="Enter your mob here" name="s_mob" id="s_mob"
onblur="val_nonEmpty(this,document.getElementById('s_mob'));"></td>
</tr>
<tr><td></td><td><span id="s_mob"></span></td></tr>

<tr><th colspan="2"><input type="submit" value="Submit"><input type="RESET"
value="Reset"></th></tr>
</table>
</body>
</html>

```

---

Slip no. 2. Design a HTML form to accept a string. Write a PHP script for the following.

a) Write a function to count the total number of Vowels from the script.

b) Show the occurrences of each Vowel from the script.

---

**HTML file :**

```
<html>
<body>
<form action="slip2_Q1.php" method="post">
<h3>Enter Sting: <input type="text" name="str" maxlength="20"></h3>
<h4>Opeptions :</h4>
<input type="radio" name="op" value="1">Total Vowels<br>
<input type="radio" name="op" value="2">Occurances<br><br>
<input type="submit" value="show">
</form>
</body>
</html>
```

**PHP file :**

```
<?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;
}
?>

```

---

Slip no. 3. Write a PHP script, which will return the following component of the URL  
 'http:// [www.example.com/php-example/index.php](http://www.example.com/php-example/index.php)'

List of component: Scheme, Host, Path

**Excepted o/p**

Scheme: http

Host: [www.example.com](http://www.example.com)

Path:/php-example/index.php

---

**PHP file :**

```
<?php
```

```

    $url = 'http://www.example.com/php-example/index.php';
    print_r(parse_url($url));
    $scheme = parse_url($url,PHP_URL_SCHEME);

```

```

        echo "<br><br>Scheme : $scheme";

        $host = parse_url($url,PHP_URL_HOST);
        echo "<br><br>Host : $host";
        $path = parse_url($url,PHP_URL_PATH);
        echo "<br><br>path : $path";

    ?>

```

---

Slip no. 4. Write a java Script that Accept a string from user. Pass this string as parameter to a function name 'check\_vowel' on button click event and return the count of the number vowels within the string.

---

**HTML file :**

```

<html>
<head>
<style>
span
{
    color : red;
    font-size : 25px;
}
</style>

<script type = "text/javascript" >
    function check_vowels(str)
    {
        var ob = false;
        ob = new XMLHttpRequest();
        ob.open("GET","slip4_Q1.php?string="+str);
        ob.send();
        ob.onreadystatechange=function()
        {
            if(ob.readyState==4 && ob.status==200)
            {
                document.getElementById("i").innerHTML=ob.responseText;
            }
        }
    }
</script>
</head>

<body>
<center>
<h3>Enter Sting: <input type="text" name="str" id="str" maxlength="20"></h3>
<input type="submit" value="Check Vowels" onclick="check_vowels(str.value)">

```

```
<br><br><span id="i"></span>
</center>
</body>
</html>
```

PHP file :

```
<?php
    $a=$_GET['string'];
    $l=strlen($a);
    $v_cnt=0;
    for($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++;
    }
    echo "Total vowels are : $v_cnt";
?>
```

---

Slip no. 5. Write a PHP script to display following information using super global variable.

- a) Client IP Address.
  - b) Browser detection/information.
  - c) To check whether the page is called from 'https' or 'http'.
- 

**HTML file :**

```
<?php
    echo "Your IP Address Is : " . $_SERVER['REMOTE_ADDR'] . "<br>";
    echo "Browser Detection / Information : " . $_SERVER['HTTP_USER_AGENT'] . "<br>";
    echo "You Came From A Page Called : " . $_SERVER['HTTP_REFERER'] . "<br>";
?>
```

---

Slip no.6 & Slip no. 15

Write a java script function to Accept First Name and Last Name from user.

Display users entered information.

[ Hint: use alert and prompt dialogbox]

---

HTML file :

```
<html>
<script type="text/javascript">
    function display()
    {
        var ob=false;
        ob=new XMLHttpRequest();
        var fnm=document.getElementById("fnm").value;
```

```

var lnm=document.getElementById("lnm").value;

ob.open("GET","slip1.php?fnm="+fnm+"&lnm="+lnm);
ob.send();

ob.onreadystatechange=function()
{
    if(ob.readyState==4 && ob.status==200)
    {
        if(ob.responseText==2)
            document.getElementById("i").innerHTML="Fill The Text Boxes";
        else
        {
            alert(ob.responseText);

            document.getElementById("i").innerHTML=ob.responseText;
        }
    }
}
</script>

<body>
Enter First name<input type=text name=fnm id=fnm><br>
Enter last name<input type=text name=lnm id=lnm><br>
<input type=submit value=SUBMIT onclick=display()><br>
<span id=i></span>
</body>
</html>

```

**PHP file :**

```

<?php
    $fnm = $_GET['fnm'];
    $lnm = $_GET['lnm'];
    if((!empty($fnm)) && (!empty($lnm)))
    {
        echo "First Name is $fnm<br>";
        echo "Last Name is $lnm";
    }

    else echo "2";

?>

```

---

Slip no.7. Write a menu driven program to perform various file operations. Accept filename from user.

a) Display type of file.

b) Delete a file.

---

**HTML file :**

```
<html>
<body>
<form action="slip7_Q1.php" method="post" enctype="multipart/form-data">
<input type="file" name="file"><br>
<input type="radio" name="op" value="1">Display type of file<br>
<input type="radio" name="op" value="2">Delete a file<br>
<input type="submit" value="Upload">
</form>
</body>
</html>
```

**PHP file :**

```
<?php
    $op=$_POST['op'];
    switch($op)
    {
        case 1 : echo "File name : ".$_FILES['file']['name']."<br>";
                $t=$_FILES['file']['type'];
                echo "Type : ".$t."<br>";
                break;

        case 2 : $f_name=$_FILES['file']['name'];
                $fh = fopen('$f_name','a');
                fclose($fh);
                unlink($f_name);
                echo "Deleted file is : ".$_FILES['file']['name']."<br>";
                break;
    }
?>
```

---

Slip no. 8. Write a menu driven program the following operation on an associative array

a) Reverse the order of each element's key-value pair.

b) Traverse the element in an array in random order.

---

**HTML file :**

```
<html>
<body>
<form action="slip8_Q1.php" method="get">
<center>
<h3><input type="radio" name="op" value="1">Reverse the order of each elt's key-value pair</h3>
```



```

<h3><input type="radio" name="op" value="2">Traverse the elements in array in random
order</h3>
<input type="submit" value="Submit">
</center>
</form>
</body>
</html>

```

**PHP file :**

```

<?php
    $op = $_GET['op'];
    $input = array("Peter"=>"35", "Ben"=>"37", "Joe"=>"43");
    switch($op)
    {
        case 1 : $flipped = array_flip($input);
                  print_r($flipped);
                  break;
        case 2 : shuffle($input);
                  print_r($input);
                  break;
    }
?>

```

---

Slip no.9. Create a HTML form that accept user email. Write a PHP program to check whether user email address contain @ symbol or not. Display proper message.

---

**HTML file :**

```

<html>
<body>
<form action=slip9_Q1.php method=get>
<center>
<br>Email ID :<input type=text name=eid>
<br><input type=submit value=Show>
</center>
</form>
</body>
</html>

```

**PHP file :**

```

<?php
    $eid=$_GET['eid'];
    $e=explode('@',$eid);

    if (count($e)>=2)
        echo "<br>Email id contains @ symbol ";

```

```
else
    echo "<br>email id does not contains @ symbol";
?>
```

---

Slip no. 10. Write a java script to accept email address from user and count no of @ occurrences and number of DOT(.) occurrences.

---

**HTML file :**

```
<html>
<head>
<style>
span
{
    color: red;
    font-size: 25px;
}
</style>

<script type="text/javascript" >
    function count()
    {
        var ob=false;
        ob=new XMLHttpRequest();

        var eid=document.getElementById("eid").value;

        ob.open("GET","slip10_Q1.php?emailid="+eid);
        ob.send();

        ob.onreadystatechange=function()
        {
            if(ob.readyState==4 && ob.status==200)
                document.getElementById("i").innerHTML=ob.responseText;
        }
    }
</script>
</head>

<body>
<center>
<br>Email ID :<input type="text" name="eid" id="eid">
<br><input type="button" value="Show" onclick="count()" >
<br><br><span id="i"></span>
</center>
</body>
```

</html>

**PHP file :**

```
<?php
    $eid=$_GET['emailid'];
    $cnt_1 = substr_count($eid,"@");
    $cnt_2 = substr_count($eid,".");
    echo "total count of @ is $cnt_1 and total count of .(dot) is $cnt_2";
?>
```

---

Slip no. 11 & Slip no. 19 :

Write a PHP script to design a form to accept email from user and validate email address using regular expression.

---

**HTML file :**

```
<html>
<body>
<FORM ACTION="slip19_1.php" method="GET">
<table>
<tr><td><h3>Enter Email Address :</td><td><input type="text" name="eid" ></h3></td></tr>

<tr><td></td><td><input type="submit" name="submit" value="Validate"></td></tr>
</table>
</form>
</body>
</html>
```

---

**PHP file :**

```
<?php
    $eid=$_GET['eid'];
    if(!empty($eid))
    {
        if(ereg("^[_a-z0-9-]+(\\.[_a-z0-9-]+)*@[a-z0-9-]+(\\.[a-z0-9-]+)$",$eid))
            echo "<h2>VALID EMAILID</h2>";
        else echo "<h2>INVALID EMAILID</h2>";
    }
    else echo "<h2>Plz enter Email Address</h2>";
?>
```

---

**Slip no. 12.** Write a PHP script to keep track of number of times the web page has been access.

[Use Session]

---

**PHP file :**

```
<html>
<head>
<title> Number of times the web page has been viited.</title>
```

---

```

</head>
<body>
<?php
    session_start();
    if(isset($_SESSION['count']))
        $_SESSION['count']=$_SESSION['count']+1;
    else
        $_SESSION['count']=1;
    echo "<h3>This page is accessed</h3>".$_SESSION['count'];
?>

```

---

Slip no. 13 & Slip no. 23

Write a PHP script to check how many times the web page access.[ Use cookies]

---

**PHP file :**

```

<?php
    if(isset($_COOKIE['cnt']))
    {
        $x=$_COOKIE['cnt'];
        $x=$x+1;
        setcookie('cnt',$x);
    }
    else
    {
        setcookie('cnt',2);
        echo "you accessed this page 1st time";
    }
    echo "you accessed this page $x times";
?>

```

---

Slip no. 14

Define an array. Find the element from the array that matches the given values using appropriate search function.

---

**HTML file :**

```

<html>
<head>
<script type="text/javascript" >
    function m1(str)
    {
        var ob=false;
        ob=new XMLHttpRequest();
        ob.open("GET","slip20_2.php?q="+str);
        ob.send();

        ob.onreadystatechange=function()

```

```

        {
            if(ob.readyState==4 && ob.status==200)

                document.getElementById("a").innerHTML=ob.responseText;
        }
    }
</script>
</head>

<body>
<form>
Enter Name Of Student :<input type=text name=search size="20"
onkeyup="m1(form.search.value)">
<input type=button value="submit" ><!--onclick="m1(form.search.value)"-->
<!-- onclick="matches(form.search.value)"-->
</form>
suggestions :<span id="a"></span><br>
</body>
</html>

```

#### **PHP file :**

```

<?php
    $a=array("RAMESH","SURESH","RAJ","SEEMA","PUJA","SIYA","AJAY","SAMEER","VIJAY","VIN
AY","VIRAJ");
    $q=$_GET['q'];

    if(strlen($q)>0)
    {
        $match="";
        for($i=0;$i<count($a);$i++)
        {
            if(strtolower($q)==strtolower(substr($a[$i],0,strlen($q))))
            {
                if($match=="")
                {
                    $match=$a[$i];
                }
                else
                {
                    $match=$match." ".$a[$i];
                }
            }
        }

        if($match=="")

```

```

        {
            echo "No Suggestios";
        }
        else
        {
            echo $match;
        }
    }
?>

```

---

Slip no. 16 & Slip no. 24

Write a java script function to display Clock in the textbox.

---

**HTML file :**

```

<!DOCTYPE html>
<html>
<body>
<table border=1>
<tr><td><p id="demo"></p></td></tr>
</table>
<script>
document.getElementById("demo").innerHTML = Date();
</script>
</body>
</html>

```

---

Slip no. 17. Write a PHP script for the following.

Design a form to accept a string and check whether the given string is Palindrome or not.

[ Use built-in function.]

---

**HTML file :**

```

<html>
<body>

<center>
<h2> Check Given String Is Palindrom Or Not</h2>
<form action="slip17_1.php" method="GET">
<h3> Enter String : <input type="text" name="str"><br> </h3>
<input type="submit" value="submit" name="Show">
<input type="reset" value="Reset" name="Reset">
</form>
</center>
</body>
</html>

```

**PHP file :**

```

<?php

```

```

$str1 = $_GET['str'];
$str2 = strrev($str1);
if(strcmp($str1,$str2) === 0)
    echo "<h3> $str1 is palindrom </h3>";
    else echo "<h3> $str1 is not palindrom </h3>";
?>

```

---

Slip no. 18. Write a menu driven program to perform the following operation on an associative array.

a) Display the elements of an array along with key.

b) Display the size of an array.

---

**HTML file :**

```

<html>
<body>
<form action=slip18_1.php>
Select Option:<br>
<input type=radio name=a value=1>Display Array Along With Their Keys<br>
<input type=radio name=a value=2>Display Size of An Array<br>
<input type=submit value=SUBMIT>
</form>
</body>
</html>

```

**PHP file :**

```

<?php
$a = array("Raj"=>"35", "Ramesh"=>"37", "Jay"=>"43");
$ch = $_GET['a'];
switch($ch)
{
    case 1 : foreach($a as $x=>$x_value)
        {
            echo "Key = " . $x . ", Value = " . $x_value;
            echo "<br>";
        }
        break;

    case 2 : $l = sizeof($a);
        echo $l;
        break;
}
?>

```

---

Slip no 20. Write a PHP Script to accept customer Name from user and do the following

a) Transform Customer Name all Upper case latter.

b) Make First character to Upper Case.

---

**HTML file :**

```

<html>
<body>
<form action=slip20_1.php method=get>
<center>
Full Name :<input type=text name=nm>
<br><input type=submit value=Show>
</center>
</form>
</body>
</html>

```

**PHP file :**

```

<?php
    $nm=$_GET['nm'];
    echo "<br>Capitalization of each word of each name :".ucwords($nm);
    echo "<br>Whole String In Upper Case :".strtoupper($nm);
?>

```

---

Slip no. 21. Write a PHP script to accept the number from user and write a function to calculate the factorial of a given number ( non-negative integer). The function accept the number as argument.

---

**PHP file :**

```

<?php
    /* Function to get Factorial of a Number */
    function getFactorial($num)
    {
        $fact = 1;
        for($i = 1; $i <= $num ;$i++)
            $fact = $fact * $i;
        return $fact;
    }
?>
<!doctype html>
<html>
<head>
<title>Factorial Program using PHP</title>
</head>
<body>
<form action = "" method="post">
Enter the number whose factorial requires <Br />
<input type="number" name="number" id="number" maxlength="4" autofocus required/>
<input type="submit" name="submit" value="Submit" />
</form>
<?php
    if(isset($_POST['submit']) and $_POST['submit'] == "Submit")
    {

```



```

        if(isset($_POST['number']) and is_numeric($_POST['number']))
            echo 'Factorial Of Number: <strong>'.getFactorial($_POST['number']).'</strong>';
    }
?>
</body>
</html>

```

---

Slip no. 22. Write a PHP Program to read two file names from user and append content of first file into second file.

---

**PHP file :**

```

<?php
    $sourceFname="test.txt";
    $fp1=fopen("test.txt","r");
    $fp2=fopen("test2.txt","a");
    fwrite($fp2,fread($fp1,filesize($sourceFname)));
    echo "Data Copied";
?>

```

---

Slip no. 25. Declare a multidimensional array. Display specific element from a multidimensional array. Also delete given element from the multidimensional array. ( after each operation display array contents).

---

**PHP file :**

```

<?php
    $arr = array(array ( 1, 2, 3, 4, 5 ) , array ( 6, 7, 3 ) ,);
    echo "before<br>";
    var_dump($arr);

    foreach($arr as $k1=>$q)
    {
        foreach($q as $k2=>$r)
        {
            if($r == 3)
            {
                unset($arr[$k1][$k2]);
            }
        }
    }
    echo "<br><br>after:<br>";
    print_r($arr);
?>

```

## TY\_BCS\_PHP\_20 Marks Slips

Slip no. 1. Write a script to create XML file 'University.xml'. The element details of 'University.xml' are as follows:

```
<Univ>
<Uname>-----</Uname>
<CITY>-----</CITY>
<Rank>-----</Rank>
</Univ>
```

a) Store the details of at least 3 universities.

b) Link the 'University.xml' file to CSS and get well formatted output as given below.

i) Uname :

Color : black;  
Font-family: copperplate G0thic Light;  
Font size: 16pt;  
Font:Bold;

ii) City and Rank

Color: Yellow;  
Font-family: Arial;  
Font-size : 12pt;  
Font: Bold;

---

### XML file : university.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/css" href="university.css"?>
<Uni>
  <U_info>
    <Uname>Pune University</Uname>
    <City>Pune</City>
    <Rank>First</Rank>
  </U_info>
  <U_info>
    <Uname>Mumbai University</Uname>
    <City>Mumbai</City>
    <Rank>Third</Rank>
  </U_info>
  <U_info>
    <Uname>Latur University</Uname>
    <City>Latur</City>
    <Rank>Fifth</Rank>
  </U_info>
</Uni>
```

### CSS file : university.css

Uname

```

{
    color:black;
    font-family: copperplate Gothic Light;
    font-size: 16pt;
    font: bold;
}
City,Rank
{
    color:yellow;
    font-family:arial;
    font-size: 12pt;
    font: bold;
}

```

#### **PHP file :**

```

<?php
$xml=simplexml_load_file("university.xml") or die("error:cannot create object");
echo "<table border=1 align=center>";
echo "<tr><td>Univcity Name</td><td>City</td><td>Rank</td></tr>";
foreach($xml->children() as $uni)
{
    echo "<tr><td>".$uni->Uname."</td>";
    echo "<td>".$uni->City."</td>";
    echo "<td>".$uni->Rank."</td></tr>";
}
echo "<table>";
?>

```

---

Slip no. 2. Write a PHP program to read a directory name and extension form user.  
Display the files with specified extension from that directory.

---

#### **HTML file :**

```

<html>
<body>
<form action="slip2_Q2.php" method="POST">
<center>
<h1>Search file of given extension</h1>
<h3>Enter directory name : <input type="text" name="dir"></h3>
<h3>Enter file extension : <input type="text" name="ex"></h3>
<input type="submit" name="submit" value="submit"><input type="reset" name="reset"
value="reset">
</center>
</form>
</body>
</html>

```

**PHP file :**

```
<?php
    $d=$_POST['dir'];
    $e=$_POST['ex'];

    if(is_dir($d))
    {
        $h=opendir($d);

        echo "<h3> the files with extension $e in directory $d are :: </h3>";
        while($file = readdir($h) !== false)
        {
            if(is_dir($file))
                continue;

            $ext=explode('.', $file);
            if($ext[1] == $e)
                echo "<h3> $file </h3><br>";
        } //while close
        closedir($h);
    } //if close
?>
```

---

Slip no. 3. Write a PHP Script to read 'BOOK.xml' file and print specific content of a file using DOMDocument parser. 'Book.xml' file should contain following information with at least 5 records with values.

BookInfo

Book NO, Book Name, Author Name, Price, Year.

[Note: Examiners can change the Book info file to Student info, Teacher info]

---

**XML file : book.xml**

```
<?xml version='1.0' encoding='UTF-8' ?>
<?xml-stylesheet type="text/css"?>

<bookstore>
    <books category="technical">
        <book_no>1</book_no>
        <book_name>def</book_name>
        <author_name>xxx</author_name>
        <price>100</price>
        <year>1990</year>
    </books>
```

```

<books category="Cooking">
    <book_no>2</book_no>
    <book_name>ccc</book_name>
    <author_name>aaa</author_name>
    <price>200</price>
    <year>1950</year>
</books>
<books category="YOGA">
    <book_no>3</book_no>
    <book_name>ddd</book_name>
    <author_name>zzz</author_name>
    <price>150</price>
    <year>2016</year>
</books>
<books category="technical">
    <book_no>1</book_no>
    <book_name>def</book_name>
    <author_name>xxx</author_name>
    <price>100</price>
    <year>1990</year>
</books>
<books category="technical">
    <book_no>1</book_no>
    <book_name>def</book_name>
    <author_name>xxx</author_name>
    <price>100</price>
    <year>1990</year>
</books>
</bookstore>

```

**PHP file :**

```

<?php
    $doc=new DOMDocument();
    $doc->load("book.xml");
    $name=$doc->getElementsByTagName("book_name");
    $year=$doc->getElementsByTagName("year");

    echo "Books Names";
    foreach($name as $val)
    {
        echo "<br>".$val->textContent;
    }
    echo "<br><br> Year";
    foreach($year as $value)
    {

```

```
        echo "<br>".$value->textContent;
    }
?>
```

---

Slip no. 4. Write a PHP program to create a Class calculator which will accept two value from user and pass as an argument through parameterized constructor and do the following task.

- a) Add Them
- b) Subtract Them
- c) Multiply them together or divide them on request.

---

**HTML file :**

```
<html>
<body>
<form action="slip4_Q2.php" method=get>
<center>
<table>
<tr><td>Enter No1</td><td><input type="text" name="a"></td></tr>
<tr><td>Enter No2</td><td><input type="text" name="b"></td></tr>
<tr><td></td><td><input type="submit" value="SUBMIT"></td></tr>
</table>
</center>
</form>
</body>
</html>
```

**PHP file :**

```
<?php
class Calculate
{
    public $a;
    public $b;

    function __construct($a,$b)
    {
        $this->a=$a;
        $this->b=$b;
    }
    public function add()
    {
        $c=$this->a+$this->b;
        echo"Addition = $c<br>";
    }
    public function subtract()
    {
```

```

        $c=$this->a-$this->b;
        echo"Subtract = $c<br>";
    }
    public function multiply()
    {
        $c=$this->a*$this->b;
        echo"Multiplication = $c<br>";
    }
    public function div()
    {
        $c=$this->a/$this->b;
        echo"Division = $c";
    }
}
$x=$_GET['a'];
$y=$_GET['b'];
$calc=new Calculate($x,$y);
$calc->add();
$calc->subtract();
$calc->multiply();
$calc->div();
?>

```

---

Slip no. 5 . Write a script to create XML file as 'Employee.xml'. The element of this xml file are as follows:

```

<Empdetails>
<Employee EMPno= Empname=>
<Salary>-----</Salary>
<Designation>-----</Designation>
</Employee>
</Empdetails>

```

---

**XML file : employee.xml**

```

<?xml version="1.0" encoding="UTF-8"?>
<Empdetails>
    <Emp Empno="1" Empname="Mansi">
        <Sal>15000</Sal>
        <Desg>Developer</Desg>
    </Emp>
    <Emp Empno="2" Empname="Gautam">
        <Sal>35000</Sal>
        <Desg>HR</Desg>
    </Emp>
</Empdetails>

```

```

    </Emp>
    <Emp Empno="3" Empname="Jack">
        <Sal>25000</Sal>
        <Desg>Tester</Desg>
    </Emp>
</Empdetails>

```

**PHP file :**

```

<?php
$xml=simplexml_load_file("employee.xml") or die("error:cannot create object");

echo "<table border=1 align=center>";
echo "<tr><td>Employee no</td><td>Employee Name</td><td>Employee
Salary</td><td>Employee Employee Designation</td></tr>";

foreach($xml->children() as $emp)
{
    $arr = $emp->attributes();
    echo "<tr><td>".$arr["Empno"]."</td>";
    echo "<td>".$arr["Empname"]."</td>";
    echo "<td>".$emp->Sal."</td>";
    echo "<td>".$emp->Desg."</td></tr>";
}

echo "<table>";
?>

```

---

Slip no.6. Write a PHP script for the following.

- Design a form to accept the details of 5 different items such as Item code, Item Name, unit, sold and Rate.
  - Display the bill in tabular format. Use only 4 textboxes. [ Use explode]
- 

**HTML file :**

```

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

table, th, td {
    border: 1px solid blue;
}
</style>

```



```

</head>
<body>
<form method="post" action="slip6_Q2.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>

```

#### **PHP file :**

```

<?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>";
    ?>

```

---

Slip no.7. Write a PHP script to generate an XML in the following format in php.

```
<? Xml version='1.0' encoding='ISO-8859-1'?>
```

```
<Book Store>
```

```
<Books>
```

```
<PHP>
```

```
<Title> Programming in PHP </ Title>
```

```
<Publication>O'RELLY<Publication>
```

```
</PHP>
```

```
<PHP>
```

```
<Title> Beginners PHP</ Title>
```

```
<Publication> WORX</Publication>
```

```
</PHP></Books>
```

```
</Book Store>
```

---

**HTML file :**

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Book Store</title>
```

```
</head>
```

```
<body>
```

```
<form action="slip7_Q2.php" method="get">
```

```
<table>
```

```
<tr><td><label> Enter 1st Book title Name : </label></td><td><input type="text" name="title_1"
id="title_1"></td></tr>
```

```
<tr><td><label> Enter 1st Book Publication Name : </label></td><td><input type="text"
name="pub_1" id="pub_1"></td></tr>
```

```
<tr><td><label> Enter 2st Book title Name : </label></td><td><input type="text" name="title_2"
id="title_2"></td></tr>
```

```
<tr><td><label> Enter 1st Book Publication Name : </label></td><td><input type="text"
name="pub_2" id="pub_2"></td></tr>
```

```
<tr><th colspan="2"><input id="ok" type="submit" value="OK" name="ok"></th></tr>
```

```
</table>
```

```
</form>
```

```
</body>
```

```
</html>
```

**PHP file :**

<?php

```
$title_1 = $_GET['title_1'];
$pub_1 = $_GET['pub_1'];
$title_2 = $_GET['title_2'];
$pub_2 = $_GET['pub_2'];

$xml = "<?xml version='1.0' encoding='ISO-8859-1' ?>";
$xml = $xml."<BookStore>";
$xml = $xml."<Books>";
    $xml = $xml."<PHP>";
    $xml = $xml."<Title>";
    $xml = $xml."$title_1";
    $xml = $xml."</Title>";

    $xml = $xml."<Publication>";
    $xml = $xml."$pub_1";
    $xml = $xml."</Publication>";
$xml = $xml."</PHP>";
$xml = $xml."<PHP>";
    $xml = $xml."<Title>";
    $xml = $xml."$title_2";
    $xml = $xml."</Title>";
    $xml = $xml."<Publication>";
    $xml = $xml."$pub_2";
    $xml = $xml."</Publication>";
$xml = $xml."</PHP>";
$xml = $xml."</Books>";
$xml = $xml."</BookStore>";

if($fp = fopen("bookstore.xml","a+"))
{
    if($wt = fwrite($fp,$xml))
    {
        header("location:bookstore.xml");
    }
    else "file not created...";
}
else echo "file not open....";

?>
```

---

Slip no. 8. 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 with 'welcome message' otherwise display error message. [ Use Session]

---

**HTML file :**

```
<html>
<head>
<script>
    function getans()
    {
        st1=document.getElementById('txtname').value;
        st2=document.getElementById('txtpass').value;
        ob=new XMLHttpRequest();

        ob.onreadystatechange=function()
        {
            if(ob.readyState==4 && ob.status==200)
            {
                if(ob.responseText==3)
                {
                    alert("sorry you lost the chances to login");
                    location="error.html";
                }
                else if(ob.responseText=="correct")
                {
                    alert("you entered correct details");
                }
                else alert(ob.responseText);
            }
        }
        ob.open("GET","slip8_Q2.php?n="+st1+"&p="+st2);
        ob.send();
    }
</script>
</head>
<body>
<input type="text" id="txtname" placeholder="username"></br>
<input type="password" id="txtpass" placeholder="password"></br>
<input type="button" onclick="getans()" value="Login">

</body>
</html>
```

**HTML file : error.html**

```
<html>
```

```

<body>
<h1>YOU lossed the chances of login</h1>
</body>
</html>

```

**PHP file :**

```

<?php
    session_start();
    $nm=$_GET['n'];
    $ps=$_GET['p'];
    if($nm==$ps)
    {
        echo "correct";
    }
    else if(isset($_SESSION['cnt']))
    {
        $x=$_SESSION['cnt'];
        $x=$x+1;
        $_SESSION['cnt']=$x;
        echo $_SESSION['cnt'];

        if($_SESSION['cnt']>=3)
        $_SESSION['cnt']=1;
    }
    else
    {
        $_SESSION['cnt']=1;
        echo "1";
    }
?>

```

---

Slip no. 9. Consider the following entities and their relationship.

Student ( stud\_id, name, class)

Competition(c\_no,c\_name, type)

- Relationship between student and competition In many-many with attributes rank and year.
  - Create a RDB in 3NF for above and solve the following.
  - Using above database write a script in PHP to accept a competition from user and display information of student who has secured 1<sup>st</sup> rank in that competition.
- 

HTML file :

```

<html>
<body>
<form action=slip9_2.php>
Enter Competition Name :<input type=text name=a id=a><br>
<input type=submit value="DISPLAY" >
</form>

```

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

PHP file :

```
<?php
$con_string="host=localhost dbname=bcs_slips port=5432 user=postgres password=nrc";
$con=pg_connect($con_string);

$a=$_GET['a'];
echo $a;
echo "<br>";
$q="select student.stud_id,sname,class from student,competition,stud_copm where cnme='$a' and
student.stud_id=stud_copm.stud_id and competition.c_no=stud_copm.c_no;";
$rs=pg_query($con,$q) or die("Cannot Execute query");
while($row=pg_fetch_row($rs))
echo "$row[0] $row[1] $row[2]\n<br>";

pg_close();
?>
```

---

Slip no. 10. Write a PHP script to create a Class shape and its subclass triangle, square and circle and display area of the selected shape.( use the concept of Inheritance)

Display menu( use radio button)

- a) Triangle
- b) Square
- c) Circle

---

**HTML file :**

```
<html>
<body>
<form action="slip10_Q2.php" method=get>
<center><h2>For Cone & Cylinder</h2>
<table>
<tr><td>Enter Radius </td><td><input type="text" name="r"></td></tr>
<tr><td>Enter Height</td><td> <input type="text" name="h"></td></tr>
<tr><td><input type="radio" name=op value=1>Cone</td>
<td><input type="radio" name=op value=2>Cylinder</td></tr>
</table>
<table>
<center><h2>For Sphere</h2></center>
<tr><td>Enter Radius</td><td> <input type="text" name="r1"></td></tr>
<tr><td></td><td><input type="radio" name=op value=3>Sphere</td></tr>
<tr><td></td><td><input type="submit" value="SUBMIT"></td></tr>
</table>
</center>
</form>
```

</body>

</html>

**PHP file :**

<?php

```
define('pi',3.14);
interface shape
{
    function calc_area($r,$h);
    function calc_vol($r,$h);
}

class sphere implements shape
{
    function calc_area($r,$r)
    {
        return 4*pi*$r*$r;
    }

    function calc_vol($r,$r)
    {
        return (4/3)*pi*$r*$r*$r;
    }
}

class cylinder implements shape
{
    function calc_area($r,$h)
    {
        return 2*pi*$r*($r+$h);
    }

    function calc_vol($r,$h)
    {
        return pi*$r*$r*$h;
    }
}

class cone implements shape
{
    function calc_area($r,$h)
    {
        return 0.5*$r*$r*$h;
    }
}
```

```

        function calc_vol($r,$h)
        {
            return $r*$r*$r*$h;
        }
    }

    $op=$_GET['op'];

    switch($op)
    {
        case 1 : $r=$_GET['r'];
                    $h=$_GET['h'];
                    $ob=new cone();
                    $a=$ob->calc_area($r,$h);
                    $v=$ob->calc_vol($r,$h);
                    echo "Area of cone is".$a."<br>Volume of Cone is".$v;
                    break;

        case 2 : $r=$_GET['r'];
                    $h=$_GET['h'];
                    $ob=new cylinder();
                    $a=$ob->calc_area($r,$h);
                    $v=$ob->calc_vol($r,$h);
                    echo "Area of Cylinder is".$a."<br>Volume of Cylinder is".$v;
                    break;

        case 3 : $r=$_GET['r'];
                    $ob=new sphere();
                    $a=$ob->calc_area($r,$r);
                    $v=$ob->calc_vol($r,$r);
                    echo "Area of Sphere is".$a."<br>Volume of Sphere is".$v;

                    break;
    }

    ?>

```

---

Slip no. 11. Consider the following entities and their relationship

Emp( e\_no, ename, address, phone, salary)

Dept(d\_no, dname, location)

Emp-Dept related with many-one relationship.

Create a RDB in 3NF for above and solve the following.

Using above database write a script in PHP which will

a) Insert Employee records and Department records into respective tables.

B) Print a salary statement in the format given below, for a given Department.



---

---

[Hint : create a HTML form to accept Department name form user]

| Maximum salary | Minimum salary | Sum salary |
|----------------|----------------|------------|
|                |                |            |

---

---

**HTML file :**

```
<html>
<body>
<form action=slip11_2.php method="get">
Enter Employee No. :<input type=text name=e_no><br>
Enter Employee Name :<input type=text name=e_nm><br>
Enter Employee Address :<input type=text name=e_addr><br>
Enter Employee Phone No. :<input type=text name=e_ph><br>
Enter Employee Salary :<input type=text name=e_sal><br>
Enter Dept No. :<input type=text name=d_no><br>
Enter Dept Name :<input type=text name=d_nm><br>
Enter Dept Location :<input type=text name=d_loc><br>
<input type=radio name="op" value="1" >Insert
```

```
Enter Dept Name :<input type=text name=d_name><br>
<input type=radio name="op" value="2" >Display
</form>
</body>
</html>
```

**PHP file :**

```
<?php
$con_string="host = localhost dbname=bcs_slips port=5432 user=postgres password=nrc";
$con = pg_connect($con_string);

$op = $_GET['op'];
switch($op)
{
    case 1 : $e_no = $_GET['e_no'];
             $e_nm = $_GET['e_nm'];
             $e_addr = $_GET['e_addr'];
             $e_ph = $_GET['e_ph'];
             $e_sal = $_GET['e_sal'];
             $d_no = $_GET['d_no'];
             $d_nm = $_GET['d_nm'];
             $d_loc = $_GET['d_loc'];
             $q = "insert into dept values($d_no,$d_nm,$d_loc)";
             $q1 = "insert into emp
values($e_no,$e_nm,$e_addr,$e_ph,$e_sal,$d_no)";
```

```

        echo "Details of Employye are inserted ";
        break;

    case 2 : $d_name = $_GET['d_name'];
        $q = "select MAX(emp_sal),MIN(emp_sal),SUM(emp_sal) from dept,emp
where dept_name='$d_name' and emp.dept_no = dept.dept_no;";
        $rs = pg_query($con,$q) ;
        if($rs)
        {
            while($row=pg_fetch_row($rs))
            {
                echo "<table align=center border=1>";
                echo "<tr><td>Maximum Sal</td><td>Minimum
Sal</td><td>Sum Sal</td></tr>";
                echo
                "<tr><td>$row[0]</td><td>$row[1]</td><td>$row[2]</td></tr>";
                echo "</table>";
            }
        }
        break;
    }
    pg_close();
?>

```

---

Slip no. 12. Write a menu driven program to perform the following stack related operations.

- i) Insert an element in stack.
  - ii) Delete an element from stack.[Hint: Use array\_push(), array\_pop()]
- 

**HTML file :**

```

<html>
<body>
<form action="slip12_Q2.php" method="get">
<center>
<h3><input type="text" name="str" maxlength="20"><input type="radio" name="op"
value="1">Insert element into array</h3>
<h3><input type="radio" name="op" value="2">Delete last element from array</h3>
<h3><input type="radio" name="op" value="3">Display all elements from array</h3>
<input type="submit" value="Submit">
</center>
</form>
</body>
</html>

```

**PHP file :**

```

<?php
    $str = $_GET['str'];

```

```

$op = $_GET['op'];
$stack = array("orange", "banana", "apple", "raspberry");
switch($op)
{
    case 1 : echo "string is :: $str<br>";
            array_push($stack,$str);
            var_dump($stack);
            break;
    case 2 : $last_elt = array_pop($stack);
            var_dump($stack);
            var_dump('deleted element is :'.$last_elt);
            break;
    case 3 : var_dump($stack);
            break;
}
?>

```

---

Slip no. 13. 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 PostgresSQL]

---

**HTML file :**

```

<html>
<body>
<form action=slip13_2.php>
Enter Hospital Name :<input type=text name=a id=a><br>

<input type=submit value="DISPLAY" >
</form>
</body>
</html>

```

**PHP file :**

```

<?php
$con_string="host = localhost dbname=bcs_slips port=5432 user=postgres
password=nrc";

$con = pg_connect($con_string);

$a = $_GET['a'];
echo $a;
echo "</br>";
$q = "select dname from doctor,hospital where hname='$a' and hospital.hosp_no =
doctor.hosp_no;";

$rs = pg_query($con,$q) ;

```

```

        if($rs)
        {
            echo "in";
            while($row=pg_fetch_row($rs))
            echo "$row[0]\n<br>";
        }
        pg_close();
    ?>

```

---

Slip no 14. Write a AJAX program to read contact. Dat file and print the contain of a file in a Tabular form when the user clicks on print button.

Contact.dat file contain srno, name, residence number, mobile number, context/ relation.

[ Enter at least 3 record in contact.dat file]

[Note: Examinar may change the contact. dat, dept.dat and provide proper structure of the file]

---

#### **HTML file :**

```

<html>
<head>
<style>
span
{
    font-size: 25px;
}
table
{
    color: blueviolet; ;
}
</style>

<script type="text/javascript" >
    function print()
    {
        var ob=false;
        ob=new XMLHttpRequest();

        ob.open("GET","slip14_Q2.php?");//emailid="+eid);
        ob.send();

        ob.onreadystatechange=function()
        {
            if(ob.readyState==4 && ob.status==200)
            {
                document.getElementById("i").innerHTML=ob.responseText;
            }
        }
    }
</script>

```

```

</head>

<body>
<center>
<h3>Display the contents of a contact.dat file </h3>
<br><input type="button" value="Print" onclick="print()" >
<span id="i"></span>
</center>
</body>
</html>

```

**Dat file : contact.dat**

1 Isha 65768798 98765432 Daughter  
 2 Megha 65235689 87654329 Mother

**PHP file :**

```

<?php
    $fp = fopen('contact.dat','r');
    echo "<table border=1>";
    echo "<tr><th>Sr. No.</th><th>Name</th><th>Residence No.</th><th>Mob.
no.</th><th>Relation</th></tr>";

    while($row = fscanf($fp,"%s %s %s %s %s"))
    {
        echo "<tr>";
        foreach($row as $r)
        {
            echo "<td>$r</td>";
        }
        echo "</tr>";
    }
    echo "</table>";
    fclose($fp);
?>

```

---

Slip no. 15. Write a PHP program to define Interface shape which has two method as area() and volume (). Define a constant PI  
 Create a class Cylinder implement this interface and calculate area and Volume.

---

**HTML file :**

```

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

```

```

<form action="slip1_demo.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>

```

**PHP file :**

```

<?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);
?>

```

---

Slip no. 16 & Slip no. 24

---

---

Write a PHP program to read Flat file 'Student.dat' that has student details as roll no, name, m1,m2,m3 as mark of three subjects. Display the data from the file in tabular format. Also display total and percentage of each student.

---

**Dat file : student.dat**

1 Ajay 50 20 80  
2 Vijay 30 80 60

**HTML file :**

```
<html>
<body>
<center>
<h2> student Details</h2>
<form action="slip16_2.php" method="GET">
<h2>  Reading File In Tabular Format : </h2>
<h3>  Enter Directory Name : <input type="text" name="d"><br><br> </h3>
<pre>
<input type="submit" value="submit" name="Show">
<input type="reset" value="Reset" name="Reset">
</pre>
</form>
</center>
</body>
</html>
```

**PHP file :**

```
<?php
    if(file_exists('student.dat'))
    {
        $f = fopen('student.dat','r');
        echo "<br><br>";

        echo "<table border type=3 align=center>";
        echo "<tr><td align=center>Roll No</td>";
        echo "<td align=center> Name</td>";
        echo "<td align=center> Maths</td>";
        echo "<td align=center> Science</td>";
        echo "<td align=center> Computer</td>";
        echo "<td align=center> Total</td>";
        echo "<td align=center> Percentage</td></tr>";

        while(!feof($f))
        {
            $d = fgets($f);
            $s = explode(' ', $d);
```

```

if(!empty($s[0]) && !empty($s[1]) && !empty($s[2]) && !empty($s[3]) &&
!empty($s[4]))
{
    $m1 = $s[2];
    $m2 = $s[3];
    $m3 = $s[4];
    $total = $m1+$m2+$m3;
    $p = ($total/300)*100;

    echo "<tr><td align=center>$s[0]</td>";
    echo "<td align=center> $s[1]</td>";
    echo "<td align=center> $m1</td>";
    echo "<td align=center> $m2</td>";
    echo "<td align=center> $m3</td>";
    echo "<td align=center> $total</td>";
    echo "<td align=center> $p</td></tr>";

}
}
echo "</table>";
}
?>

```

---

Slip no. 17. Write a AJAX program to print Teacher information from postgresQL table Teacher.  
Teacher (Tno, Name, Subject, Research area).  
[Note: Examiner can change PostgreSQL table ]

---

**HTML file :**

```

<html>
<script type="text/javascript">
function display()
{
    ob = new XMLHttpRequest();
    ob.open("GET","slip17_2.php");
    ob.send();
    ob.onreadystatechange = function()
    {
        if(ob.readyState == 4 && ob.status == 200)
            document.getElementById("i").innerHTML = ob.responseText;
    }
}
</script>

<body>
<h2>DISPLAY INFORMATION OF TEACHER</h2>
<input type="submit" value="DISPLAY INFORMATION" onclick=display()>
<span id=i></span>

```



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

**PHP file :**

```
<?php
    $con_string = "host=localhost dbname=bcs_slips port=5432 user=postgres password=nrc";
    $con = pg_connect($con_string);

    echo "</br>";
    $q = "select * from teacher;";
    $rs = pg_query($con,$q) or die("Cannot Execute query");
    while($row = pg_fetch_row($rs))
    echo "$row[0] $row[1] $row[2]\n</br>";

    pg_close();
?>
```

---

Slip no. 18. Write a PHP script to accept Employee details ( Eno, Ename, address) on first page. On second page accept earning( Basic, Da, HRA). On third page print Employee information( ENO,Ename, Address, BASIC, DA, HRA, TOTAL)  
[Hint: Use Session]

---

**HTML file :**

```
<html>
<body>
<form action="slip18_2_1.php" method="get">
<center> <h2>Enter Employee Details :</h2> <br>

<table>
<tr> <td><b>Emp no :</b></td>      <td><input type=text name=eno></td>      </tr>
<tr> <td><b> Name :</b></td>      <td><input type=text name=enm></td>      </tr>
<tr> <td><b>Address :</b></td>      <td><input type=text name=eadd></td>      </tr>
</table>
<br> <input type=submit value=Show name=submit>
</center>
</form>
</body>
</html>
```

**PHP file : slip 18 2 1.php**

```
<?php
    session_start();
    $eno = $_GET['eno'];
    $enm = $_GET['enm'];
```

```

$eadd = $_GET['eadd'];

$_SESSION['eno'] = $eno;
$_SESSION['enm'] = $enm;
$_SESSION['eadd'] = $eadd;
?>

<html>
<body>

<form action="slip18_2_2.php" method="post">
<center>
<h2>Enter Earnings of Employee:</h2>

<table>
<tr><td>Basic : </td><td><input type="text" name="e1"></td></tr>
<tr><td>DA : </td><td><input type="text" name="e2"></td></tr>
<tr><td>HRA : </td><td><input type="text" name="e3"></td></tr>
<tr><td></td><td><input type="submit" value=Next></td></tr>
</table>
</center>
</form>
</body>
</html>

```

**PHP file : slip18\_2\_2.php**

```

<?php
    session_start();
    $e1 = $_POST['e1'];
    $e2 = $_POST['e2'];
    $e3 = $_POST['e3'];

    echo "<h3>Employee Details</h3> ";
    echo "Name : ".$_SESSION['eno']. "<br>";
    echo "Address : ".$_SESSION['enm']. "<br>";
    echo "Class : ".$_SESSION['eadd']. "<br><br>";

    echo "basic : ".$e1. "<br>";
    echo "DA : ".$e2. "<br>";
    echo "HRA : ".$e3. "<br>";

    $total = $e1+$e2+$e3;
    echo "<h2>Total Of Earnings Is : ".$total. "</h2>";

```

?>

---

Slip no.19. Write a PHP script for the following:

- a) Design a form to accept two numbers from the users.
  - b) Give option to choose an arithmetic operation ( use Radio Button).
  - c) Display the result on next form.
  - d) Use concept of default parameter.
- 

**HTML file :**

```
<html>
<body>
<FORM ACTION="slip19_2.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>
```

**PHP file :**

```
<?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>";
    }
?>

```

---

Slip no. 20. Write a AJAX program to search Student name according to the character typed and display list using array

---

**HTML file :**

```

<html>
<head>
<script type="text/javascript" >
    function m1(str)
    {
        var ob=false;
        ob=new XMLHttpRequest();
        ob.open("GET","slip20_2.php?q="+str);
        ob.send();

        ob.onreadystatechange=function()
        {
            if(ob.readyState==4 && ob.status==200)

            document.getElementById("a").innerHTML=ob.responseText;
        }
    }
</script>
</head>

<body>
<form>
Enter Name Of Student :<input type="text" name="search" size="20"
onkeyup="m1(form.search.value)">
<input type="button" value="submit" ><!--onclick="m1(form.search.value)"-->
<!-- onclick="matches(form.search.value)"-->
</form>
suggestions :<span id="a"></span><br>
</body>
</html>

```

**PHP file :**

```

<?php
    $a=array("RAMESH","SURESH","RAJ","SEEMA","PUJA","SIYA","AJAY","SAMEER","VIJAY","VIN
    AY","VIRAJ");
    $q=$_GET['q'];

    if(strlen($q)>0)
    {
        $match="";
        for($i=0;$i<count($a);$i++)
        {
            if(strtolower($q)==strtolower(substr($a[$i],0,strlen($q))))
            {
                if($match=="")
                {
                    $match=$a[$i];
                }
                else
                {
                    $match=$match." ".$a[$i];
                }
            }
        }

        if($match=="")
        {
            echo "No Suggestios";
        }
        else
        {
            echo $match;
        }
    }
}
?>

```

---

Slip no. 21. Write a PHP script to change the preference of your web page like font style, font, size, font color, background color using cookie.  
 Display selected settings on next page and actual implementation ( with new settings) on third page.

---

**HTML file :**

```

<html>
<body>
<form action="slip21_2_1.php" method="get">
<center>

```

```

<b>Select font style :</b><input type=text name=s1> <br>
<b>Enter font size : </b><input type=text name=s><br>
<b>Enter font color : </b><input type=text name=c><br>
<b>Enter background color :</b> <input type=text name=b><br>
<input type=submit value="Next">
</center>
</form>
</body>
</html>

```

#### **PHP file : slip21\_2\_1.php**

```

<?php
    echo "style is ".$_GET['s1']."<br>color is ".$_GET['c']."<br>Background color is
".$_GET['b']."<br>size is ".$_GET['s'];
    setcookie("set1",$_GET['s1'],time()+3600);
    setcookie("set2",$_GET['c'],time()+3600);
    setcookie("set3",$_GET['b'],time()+3600);
    setcookie("set4",$_GET['s'],time()+3600);

?>

<html>
<body>
<form action="slip21_2_2.php">
<input type=submit value=OK>
</form>
</body>
</html>

```

#### **PHP file : slip21\_2\_2.php**

```

<?php
    $style = $_COOKIE['set1'];
    $color = $_COOKIE['set2'];
    $size = $_COOKIE['set4'];
    $b_color = $_COOKIE['set3'];
    $msg = "NR Classes";
    echo "<body bgcolor=$b_color>";
    echo "<font color=$color size=$size>$msg";
    echo "</font></body>";

?>

```

---

Slip no. 22. Write a PHP script to design a form to accept two strings( one smaller than other) from the user. Find whether the smallest string appear at the start of the larger string. Provide textbox to accept the string that will replace all occurrences of smaller string present in larger string.

---

**HTML file :**

```
<html>
<body>

<form action="slip22_2.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>
```

**PHP file :**

```
<?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;
    }
}
?>

```

---

Slip no. 23. Write a PHP script to design a form to compose/write an email with following details.

TO

Subject

Message

Send Mail

---

```

<html>
<head>
<title>HTML email</title>
</head>

```



```

<body>
<form action=slip23_2.php>
<table border=1>
<tr><td>To<input type=text name=to></td></tr>
<tr><td>subject<input type=text name=sub></td></tr>
<tr>
<td>Message<input type=textarea name=msg></td></tr>
<tr>
<td><input type=submit value="SEND MAIL"></td>
</tr>
</table>
</form>
</body>
</html>

```

**PHP file :**

```

<?php
    $to = $_GET['to'];
    $subject = $_GET['sub'];
    $message = $_GET['msg'];
    mail($to,$subject,$message);    // Always set content-type when sending HTML email
?>

```

---

Slip no. 25. Write AJAX program to print movie by selecting an actor's name. create table Movie and Actor with 1:M cardinality as follows:

Movie ( mno, mname, release\_year)

Actor( ano, aname)

[USE PostgreSQL]

---

**HTML file :**

```

<html>
<script type="text/javascript">
function display()
{
    ob = new XMLHttpRequest();

    var a = document.getElementById("a").value;
    ob.open("GET","slip25_2.php?a="+a);
    ob.send();
    ob.onreadystatechange = function()
    {
        if(ob.readyState == 4 && ob.status == 200)
            document.getElementById("i").innerHTML = ob.responseText;
    }
}

```

</script>

<body>

Enter Actor Name :<input type=text name=a id=a><br>  
<input type=submit value="DISPLAY MOVIE NAME" onclick=display()><br>  
<span id=i></span>  
</body>  
</html>

**PHP file :**

<?php

    \$con\_string = "host=localhost dbname=bcs\_slips port=5432 user=postgres  
password=nrc";

    \$con = pg\_connect(\$con\_string);

    \$a = \$\_GET['a'];

    echo \$a;

    echo "<br>";

    \$q = "select movie.mno,mname,r\_yr from movie,actor where aname='\$a' and  
movie.mno = actor.mno;";

    \$rs = pg\_query(\$con,\$q) or die("Cannot Execute query");

    while(\$row = pg\_fetch\_row(\$rs))

    echo "\$row[0] \$row[1] \$row[2]\n<br>";

    pg\_close();

?>