

SDNB Vaishnav college for women, Chromepet, Chennai-44

III – Year B.Sc Computer Science

VI-semester PHP-MySQL Lab programs

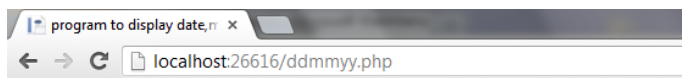
// Program 1 : ddmmyy.php

```
<html>
<head>
<title>program to display date,month and year</title>
</head>
  <body>
<h1>program to display date,month and year </h1>
<?php
echo "<h2>todays date is:</h2>".date("l F d,Y");

echo "<br>another format of date(month/day/year):".date("m/d/y");
echo "<br>this is in color";
?>
<font face="Arial" color="#FF00FF">
<strong>
<?php
print(date("m/d/y"));
?>
</strong>
</font>

  </body>
</html>
```

//program 1: output



program to display date,month and year

todays date is:

Saturday January 12,2013
another format of date(month/day/year):01/12/13
this is in color 01/12/13

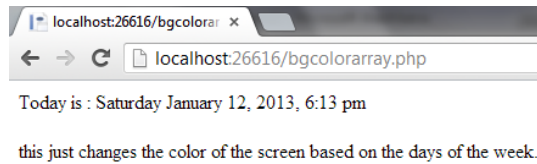
// Program 2 :bgcolorifelse.php

```
<?php
$today=date("l");
print("$today");
if($today=="sunday")
{
    $bgcolor="#FFFFFF";
}
else if($today=="monday")
{
    $bgcolor="#FF0CC5";
}
else if($today=="tuesday")
{
    $bgcolor="#FBFFC4";
}
else if($today=="wednesday")
{
    $bgcolor="#FE0DD";
}
else if($today=="thursday")
{
    $bgcolor="#E6EDFF";
}
else if($today=="friday")
{
    $bgcolor="#E9EFF6";
}
else
{
    $bgcolor="#FF00SS";
}
print("<body bgcolor=\"".$bgcolor.\">\n");
?>
<br>this is just changes the color of the screen based on the day of the week.
</body>
</html>
```

//Program2 : bgcolorarray.php

```
<?php
$today=date("l");
$bg=array("#FEF0C5", "#FFFFFF", "#FFE0DD", "#E9FEE6", "#FDF4F1");
$today1=date("l F j, Y, g:i a");
echo "Today is : " . $today1."<br>";
?>
<html>
<body bgcolor="<?php print("$bg[$today]");?>">
    <br> this just changes the color of the screen based on the days of the week.
</body>
</html>
```

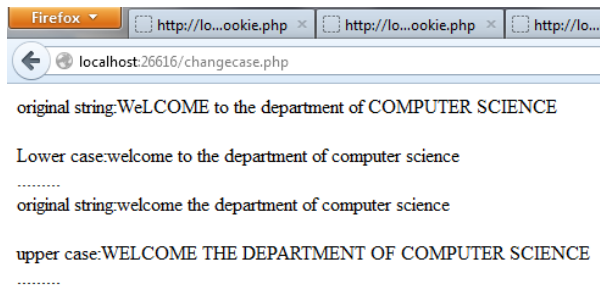
//program 2:output



//program 3 :change case.php

```
<?php
$str="WeLCOME to the department of COMPUTER SCIENCE";
echo "original string:".$str;
$str=strtolower($str);
echo "<br><br>Lower case:".$str;
echo"<br>.....</br>";
?>
<?php
$str="welcome the department of computer science";
echo "original string:".$str;
$str=strtoupper($str);
echo "<br><br>upper case:".$str;
echo"<br>.....</br>";
?>
```

//program 3: output



//program 4 : numtowords.php

```
<?php
function numtowords($num)
{
    $ones=array(
        1=>"one",2=>"two",3=>"three",4=>"four",
        5=>"five",6=>"six",7=>"seven",8=>"eight",
        9=>"nine",10=>"ten",11=>"",11=>"eleven",
        12=>"twelve",13=>"thirteen",14=>"fourteen",
        15=>"fifteen",16=>"sixteen",17=>"seventeen",
        18=>"eighteen",19=>"nineteen"
    );

    $tens=array(
        2=>"twenty",3=>"thirty",4=>"forty",
        5=>"fifty",6=>"sixty",7=>"seventy",8=>"eighty",
        9=>"ninety");

    $hundreds=array("hundred","thousand",
        "million","billion","trillion","quadrillion");

    $num=number_format($num,2," ","");
    $num_arr=explode(" ",$num);
    print_r($num_arr);echo "<br>";
    $wholenum=$num_arr[0];
    $decnum=$num_arr[1];

    $whole_arr=(explode(",",$wholenum));
    print_r($whole_arr);echo " whole array<br>";

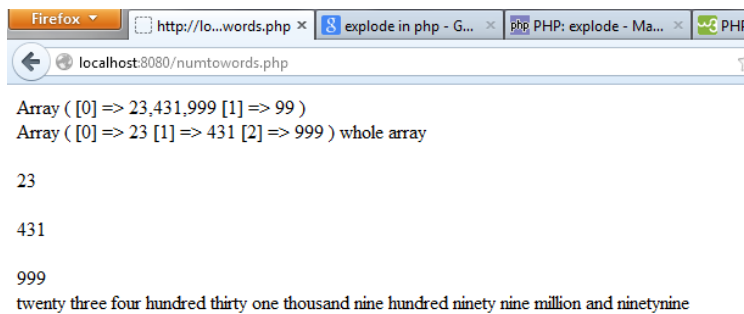
    $rettxt=" ";
    foreach($whole_arr as $key=>$i)
    {
        echo "<br> $i";
        if($i<20)
        {
            $rettxt.=$ones[$i];
        }
        else if($i<100)
        {
            $rettxt.=$tens[substr($i,0,1)];
            $rettxt.=" " . $ones[substr($i,1,1)];
        }
        else
        {
            $rettxt.=" " . $ones[substr($i,0,1)]." " . $hundreds[0];
            $rettxt.=" " . $tens[substr($i,1,1)];
            $rettxt.=" " . $ones[substr($i,2,1)];
        }
        if($key>0)
        {
            $rettxt.=" $hundreds[$key]";
        }
    }
}
```

```

if($decnum>0)
{
    $rettxt.=" and ";
    if($decnum<20)
    {
        $rettxt.=$ones[$decnum];
    }
    else if ($decnum<100)
    {
        $rettxt.=$tens[substr($decnum,1,1)];
        $rettxt.=$ones[substr($decnum,1,1)];
    }
}
return $rettxt;
}
echo numtowords("23431999.99");
?>

```

//program 4: Output

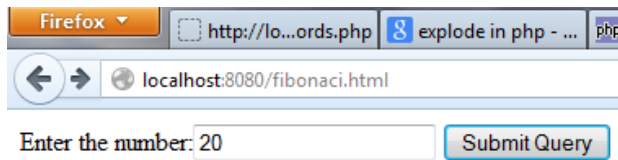


Array ([0] => 23,431,999 [1] => 99)
 Array ([0] => 23 [1] => 431 [2] => 999) whole array
 23
 431
 999
 twenty three four hundred thirty one thousand nine hundred ninety nine million and ninetynine

//program 5: fibonaci.html

```
<html>
<body>
<form action="fibonaci.php" method="GET">
Enter the number:<input type="text" name="fibno"/>
<input type="submit"/>
</form>
</body>
</html>
```

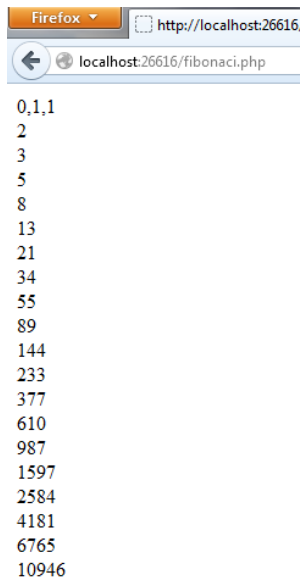
//output



//Program 5: fibonacci.php

```
<?php
$no=$_GET['fibno'];
$count=0;
$f1=0;
$f2=1;
echo $f1 .",";
echo $f2 .",";
while($count<$no)
{
    $f3=$f1+$f2;
    echo $f3. "<br>";
    $f1=$f2;
    $f2=$f3;
    $count=$count+1;
}
?>
```

//program 5: Fibonacci.php :output



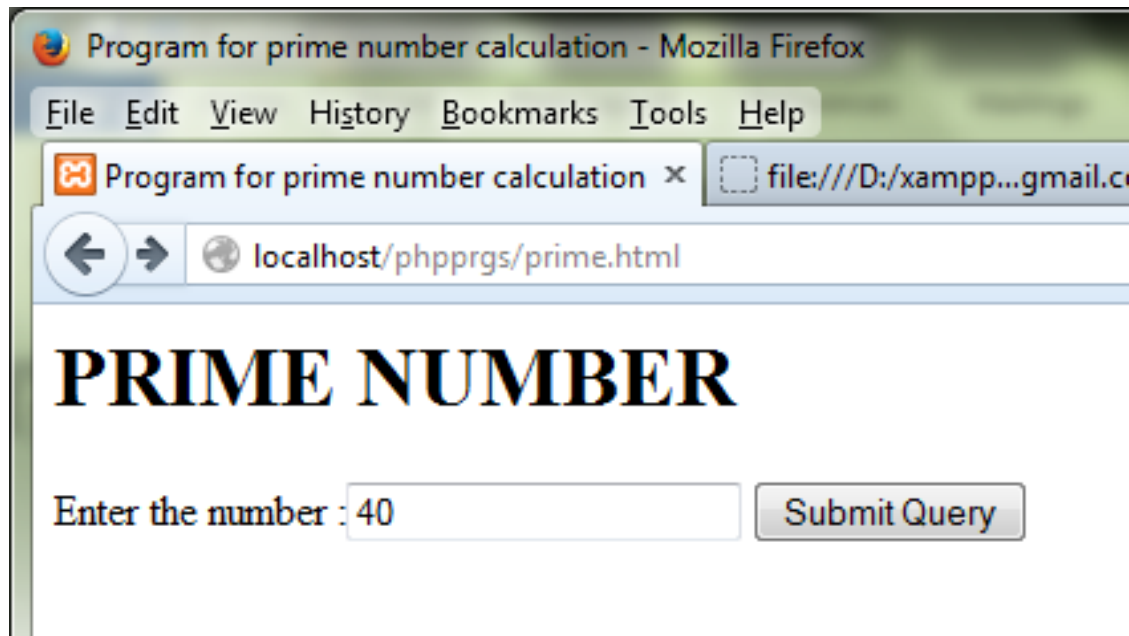
The screenshot shows a web browser window with the address bar displaying 'http://localhost:26616/localhost:26616/fibonacci.php'. The page content displays the output of the Fibonacci program, which is a list of numbers: 0,1,1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610, 987, 1597, 2584, 4181, 6765, and 10946. The numbers are displayed on separate lines, with the first three numbers (0,1,1) on the first line, and subsequent numbers on subsequent lines, separated by commas and line breaks.

0,1,1
2
3
5
8
13
21
34
55
89
144
233
377
610
987
1597
2584
4181
6765
10946

//program 5:prime.html

```
<html>
<title>Program for prime number calculation</title>
<h1>PRIME NUMBER</h1>
<body>
<form action="prime.php" method="GET">
Enter the number :<input type="text" name="primeno"/>
<input type="submit"/>
</form>
</body>
</html>
```

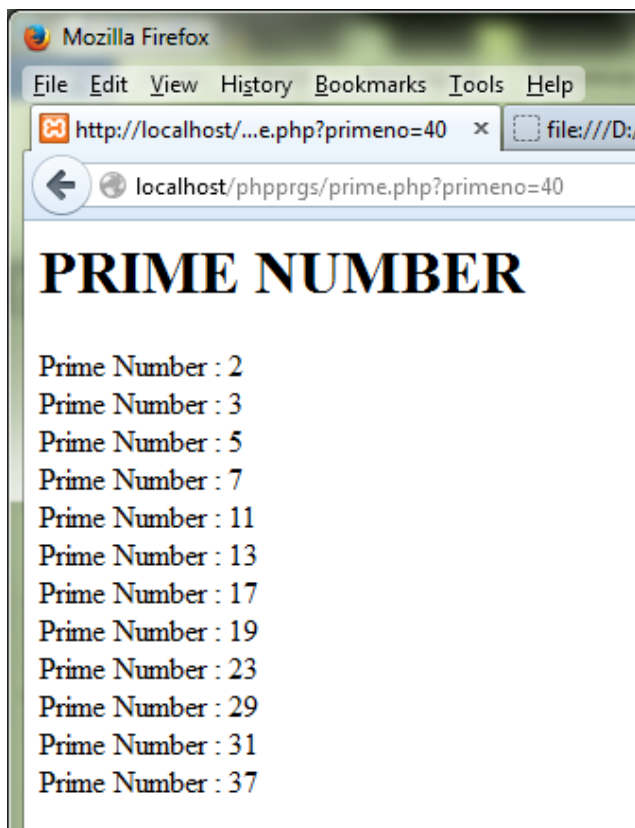
//output



//Program 5 :prime.php

```
<html>
<h1>PRIME NUMBER</h1>
</html>
<?php
$num=$_GET['primeno'];
error_reporting(E_ALL);
//Program to find prime numbers in between a range

for( $j = 2; $j <= $num; $j++ )
{
for( $k = 2; $k < $j; $k++ )
{
if( $j % $k == 0 )
{
break;
}
}
if( $k == $j )
echo "Prime Number : ", $j, "<br>";
}
?>
```



//Program 6: arrays1.php

```
//CREATING ASSOCIATIVE ARRAY:
<?php
$state1["TamilNadu"]="Chennai";
$state1["Kerala"]="Trivandrum";
$state1["Andhra Pradesh"]="Hyderabad";
$state1["Karanataka"]="Bangalore";
$state1["Maharastra"]="Mumbai";

//TRAVERSING ARRAY:

function traverse($state1)
{
    foreach($state1 as $key=>$val)
    {
        print "$key:$val<br>";
    }
}
echo "THE ELEMENTS OF THE CREATED ARRAY<BR>";
traverse($state1);

//ADDING AN ELEMENT TO ARRAY:

echo "<br>ELEMENT ADDED[KEY=India,VALUE=Delhi]<br>";
$state1=array_push_assoc($state1,'India','Delhi');
function array_push_assoc($state1,$key,$value)
{
    $state1[$key]=$value;
    return $state1;
}
traverse($state1);

//REMOVING AN ELEMENT FROM THE ARRAY

echo "<br>ELEMENT REMOVED [India=Delhi]<br>";
$array1=array_pop($state1);
echo ($array1);
echo "<br>";

//TRAVERSAL AFTER DELETION:

echo "<br>TRAVERSAL AFTER DELETION";
traverse($state1);

//SORTING AN ARRAY:

echo "<BR>SORTING THE ARRAY[ASCENDING]<BR>";
echo "BY KEY<br>";
ksort($state1);
traverse($state1);
echo "<br> BY VALUE <br>";
asort($state1);
traverse($state1);
```

```
echo "<br> SORTING THE ARRAY[DESCENDING]<br>";
echo "BY KEY<br>";
krsort($state1);
traverse($state1);
echo "<br> BY VALUE <br>";
arsort($state1);
traverse($state1);
?>
```

Output :

//CREATING ASSOCIATIVE ARRAY: THE ELEMENTS OF THE CREATED ARRAY

TamilNadu:Chennai

Kerala:Trivandrum

Andhra Pradesh:Hyderabad

Karanataka:Bangalore

Maharastra:Mumbai

ELEMENT ADDED[KEY=India,VALUE=Delhi]

TamilNadu:Chennai

Kerala:Trivandrum

Andhra Pradesh:Hyderabad

Karanataka:Bangalore

Maharastra:Mumbai

India:Delhi

ELEMENT REMOVED [India=Delhi]

Delhi

TRAVERSAL AFTER DELETION

TamilNadu:Chennai

Kerala:Trivandrum

Andhra Pradesh:Hyderabad

Karanataka:Bangalore

Maharastra:Mumbai

SORTING THE ARRAY[ASCENDING]

BY KEY

Andhra Pradesh:Hyderabad

Karanataka:Bangalore

Kerala:Trivandrum

Maharastra:Mumbai

TamilNadu:Chennai

BY VALUE

Karanataka:Bangalore

TamilNadu:Chennai

Andhra Pradesh:Hyderabad

Maharastra:Mumbai

Kerala:Trivandrum

SORTING THE ARRAY[DESCENDING]

BY KEY

TamilNadu:Chennai

Maharastra:Mumbai

Kerala:Trivandrum

Karanataka:Bangalore

Andhra Pradesh:Hyderabad

BY VALUE

Kerala:Trivandrum

Maharastra:Mumbai

Andhra Pradesh:Hyderabad

TamilNadu:Chennai

Karanataka:Bangalore

//Program 7: simpleform.html

```
<html>
  <body>
    <h1>sample questionarier</h1>
    <form action = "display1.php" method="post">
    <h2><label>Answer the following details</label></h2><br>
    <label>Male<input type="radio" name="sex" value="male"/></label>
    <label>Female<input type="radio" name="sex" value="female"/></label>
    <label>Date Of Birth</label>
    <select name="day[]">
    <option>1</option>
    <option>2</option>
    <option>3</option>
    <option>4</option>
    <option>5</option>
    <option>6</option>
    <option>7</option>
    <option>8</option>
    <option>9</option>
    <option>10</option>
    <option>11</option>
    <option>12</option>
    <option>13</option>
    <option>14</option>
    <option>15</option>
    <option>16</option>
    <option>17</option>
    <option>18</option>
    <option>19</option>
    <option>20</option>
    <option>21</option>
    <option>22</option>
    <option>23</option>
    <option>24</option>
    <option>25</option>
    <option>26</option>
    <option>27</option>
    <option>28</option>
    <option>29</option>
    <option>30</option>
    <option>31</option>
    </select>
    <select name="month[]">
    <option>Jan</option>
    <option>Feb</option>
    <option>Mar</option>
    <option>Apr</option>
    ><option>May</option>
    <option>Jun</option>
    <option>Jul</option>
    <option>Aug</option>
    <option>Sep</option>
    <option>Oct</option>
    <option>Nov</option>
```

```
<option>Dec</option>
</select>
<select name="year[]">
<option>1981</option>
<option>1982</option>
<option>1983</option>
<option>1984</option>
<option>1985</option>
<option>1986</option>
<option>1987</option>
<option>1988</option>
<option>1989</option>
<option>1990</option>
<option>1991</option>
<option>1992</option>
<option>1993</option>
<option>1994</option>
<option>1995</option>
<option>1996</option>
<option>1997</option>
<option>1998</option>
<option>1999</option>
<option>2000</option>
<option>2001</option>
</select>
<h3><label>Marital status:</label></h3>
<label>Married<input type="radio" name="mstatus" value="married"/></label>
<label>single<input type="radio" name="mstatus" value="single"/></label>
<br><h3><label>for the following questions choose any one</label></h3>

<fieldset>
<legend>1.You are talkative</legend>
<label>strongly agree<input type="radio" name="q1" value="stronglya"/></label>
<label>agree<input type="radio" name="q1" value="agree"/></label>
<label>disagree<input type="radio" name="q1" value="disagree"/></label>
<label>strongly disagree<input type="radio" name="q1" value="stronglyd"/></label>
</fieldset>

<fieldset>
<legend>2.You are creative</legend>
<label>strongly agree<input type="radio" name="q2" value="stronglya"/></label>
<label>agree<input type="radio" name="q2" value="agree"/></label>
<label>disagree<input type="radio" name="q2" value="disagree"/></label>
<label>strongly disagree<input type="radio" name="q2" value="stronglyd"/></label>
</fieldset>

<fieldset>
<legend>3.Which team you like in cricket?</legend>
<label>India<input type="checkbox" name="q3" value="India"/></label>
<label>Australia<input type="checkbox" name="q3" value="Australia"/></label>
<label>South Africa<input type="checkbox" name="q3" value="South Africa"/></label>
</fieldset>

<fieldset>
<legend>4.What type you are?</legend>
```

```

<label>sensitive<input type="checkbox" name="q4" value="sensitive"/></label>
<label>talkative<input type="checkbox" name="q4" value="talkative"/></label>
<label>creative<input type="checkbox" name="q4" value="creative"/></label>
<label>honest<input type="checkbox" name="q4" value="honest"/></label>
</fieldset>

<br>

<fieldset>
<label>feedback<textarea name="feedback" cols="40" rows="5"></textarea></label>
</fieldset>
<input type="submit" value="got"/>
</form>
</body>
</html>

```

localhost:26616/simpleform.html

Answer the following details

Male ☒ Female ☐ Date Of Birth

Marital status:

Married ☒ single ☐

for the following questions choose any one

1. You are talkative
 strongly agree ☒ agree ☐ disagree ☐ strongly disagree ☐

2. You are creative
 strongly agree ☒ agree ☐ disagree ☐ strongly disagree ☐

3. Which team you like in cricket?
 India ☐ Australia ☒ South Africa ☐

4. What type you are?
 sensitive ☐ talkative ☐ creative ☐ honest ☐

feedback

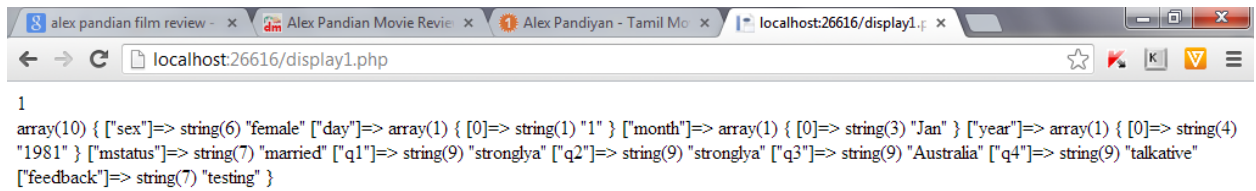
got

11:50 AM 1/13/2013

//display1.php

```
<?php
foreach($_REQUEST["day"] as $day)
{
    echo $day."<br>";
}
$values=var_dump($_POST);
//print_r($values);
foreach($values as $lval=>$rval)
{
    echo $lval."=>".$rval."<br><br>";
}
?>
```

//output

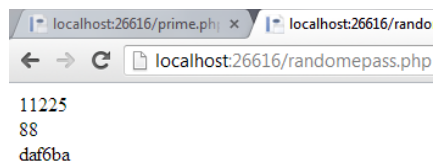


1
array(10) { ["sex"]=> string(6) "female" ["day"]=> array(1) { [0]=> string(1) "1" } ["month"]=> array(1) { [0]=> string(3) "Jan" } ["year"]=> array(1) { [0]=> string(4) "1981" } ["mstatus"]=> string(7) "married" ["q1"]=> string(9) "stronglya" ["q2"]=> string(9) "stronglya" ["q3"]=> string(9) "Australia" ["q4"]=> string(9) "talkative" ["feedback"]=> string(7) "testing" }

//program 8: randomepass.php

```
<?php
echo rand();
echo "<br>";
echo rand(0,100);
echo "<br>";
$id=substr(md5(uniqid(rand(1,34))),26);
echo $id;
?>
```

//program 8:output



The screenshot shows a web browser with two tabs. The active tab is titled 'localhost:26616/rando' and displays the output of the script 'localhost:26616/randomepass.php'. The output consists of three lines: '11225', '88', and 'daf6ba'.

localhost:26616/prime.php x localhost:26616/rando

← → ↻ localhost:26616/randomepass.php

11225
88
daf6ba

9. Write a program for a simple and fast calendar combining PHP and tables

//Program 9: calendar.php

```
<?php
$day=01;
$date=01;
$off=00;
$month=date("m");
$year=date("Y");
while(checkdate($month,$date,$year))
{
    $date++;
}

echo " <h1>The current date is : " . date("l F d,Y ")."</h1>";
echo "<br><br>";

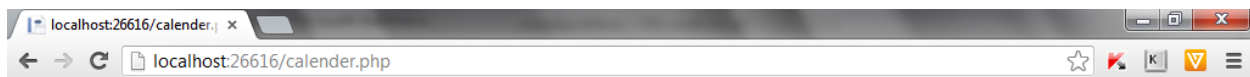
echo "<table border='1' cellpadding='5' cellspacing='5' width='100%'> <br>";
echo "<th><h><font face='Arial'>sunday</font></h></th>";
echo "<th><h><font face='Arial'>monday</font></h></th>";
echo "<th><h><font face='Arial'>tuesday</font></h></th>";
echo "<th><h><font face='Arial'>wednesday</font></h></th>";
echo "<th><h><font face='Arial'>thursday</font></h></th>";
echo "<th><h><font face='Arial'>friday</font></h></th>";
echo "<th><h><font face='Arial'>saturday</font></h></th>";
echo "<tr>";
while($day<$date)
{
    if($day=='01' and date('l',mktime(0,0,0,$month,$day,$year))=='Sunday')
    {
        echo "<td>$day</td>";
        $off='01';
    }
    else if($day=='01' and date('l',mktime(0,0,0,$month,$day,$year))=='Monday')
    {
        echo "<td></td><td>$day</td>";
        $off='02';
    }
    elseif($day=='01' and date('l',mktime(0,0,0,$month,$day,$year))=='Tuesday')
    {
        echo "<td></td><td></td><td>$day</td>";
        $off='03';
    }
    elseif($day=='01' and date('l',mktime(0,0,0,$month,$day,$year))=='Wednesday')
    {
        echo "<td></td><td></td><td></td><td>$day</td>";
        $off='04';
    }
    elseif($day=='01' and date('l',mktime(0,0,0,$month,$day,$year))=='Thursday')
    {
        echo "<td></td><td></td><td></td><td></td><td>$day</td>";
        $off='05';
    }
}
```

```

}
elseif($day=='01' and date('l',mktime(0,0,0,$month,$day,$year))=='Friday')
{
echo "<td></td><td></td><td></td><td></td><td></td><td>$day</td>";
$off='06';
}
elseif($day=='01' and date('l',mktime(0,0,0,$month,$day,$year))=='Saturday')
{
echo "<td></td><td></td><td></td><td></td><td></td><td></td><td>$day</td>";
$off='07';
}
else
{
echo "<td>$day</td>";
}
$day++;
$off++;
if($off>7)
{
echo "<tr></tr>";
$off='01';
}
else
{
echo "";
}
}
echo "</table>";
?>

```

//program 9:output



The current date is : Wednesday January 16,2013

sunday	monday	tuesday	wednesday	thursday	friday	saturday
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

10. Write a program in PHP for a simple POST and GET functions.

//Program 10: welcome.html

```
<html>
<body>
<form action="welcome.php" method="GET">
Name:<input type="text" name="name"/>
Age:<input type="text" name="age"/>
<input type="submit"/>
</form>
</body>
</html>
```

//Program 10: welcome.php

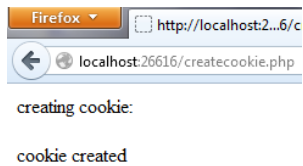
```
<html>
<body>
<?php
if($_GET["name"]=="" && $_GET["age"]=="")
{
echo "please enter name and age";
}
?>
<form action="welcome.php" method="get">
Name:<input type="text" name="name"/>
Age:<input type="text" name="age"/>
<input type="submit"/>
</form>
welcome<?php echo $_GET["name"];?><br>
you are<?php echo $_GET["age"];?> years old<br>
</body>
</html>
```

11. Write a program in PHP for setting and retrieving a cookie

//program 11:createcookie.php

```
creating cookie:<br><br>
<?php
setcookie('username','radha');
echo "cookie created<br>";
?>
```

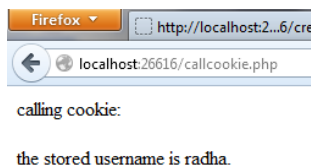
//program 11: output



//program 11 :callcookie.php

```
calling cookie:<br><br>
<?php
if(!isset($_COOKIE['username']))
{
echo "oops, the cookie is not yet set";
}
else
{
echo "the stored username is ".$_COOKIE['username'].".";
}
?>
```

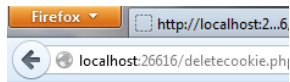
//program 11:output



//program 11:deletcookie.php

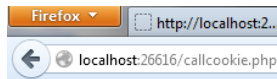
```
deleting cookie:<br><br>
<?php
setcookie("username" , " " , time() - 200);
echo "test<br>";
echo "the stored username is ".$_COOKIE['username'].".";
?>
```

//program 11: output



deleting cookie:

test
the stored username is .



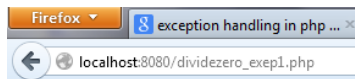
calling cookie:

oops, the cookie is not yet set

12. Write a program in PHP for exception handling for i) divide by zero ii) checking date format
Program 12: dividezero_excep1.php

```
<?php
function div($a,$b)
{
if($b==0)
{
throw new Exception("divide by zero");
}
return($a/$b);
}
try
{
echo div(5,0);
}
catch(Exception $e)
{
echo $e->getMessage();
}
?>
```

//output

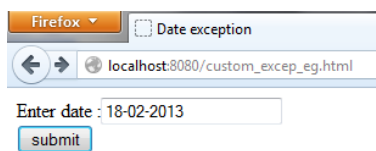


divide by zero

//program 12:custom_excep_eg.html

```
<html>
<title>Date exception</title>
<body>
<form action="custom_excep_eg.php" method="get">
Enter date :<input type="text" name="fdate"/><br>

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

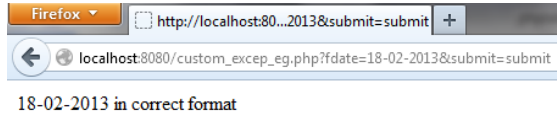


Program 12:custom_excep_eg.php

```
<?php
class dateException extends Exception
{
function err_date_Msg()
{
echo $this->getMessage() . " Proper format dd-mm-yyyy";
}
} //dateException
if(isset($_GET['submit']))
{
try
{
$date=$_GET['fdate'];
getdatefun($date);
echo "$date in correct format";
}
catch(dateException $e)
{
echo $e->err_date_Msg();
}
}
function getdatefun($dt)
{
if(!date_create_from_format("d-m-Y",$dt))
{
throw new dateException("Date not in proper format");
```



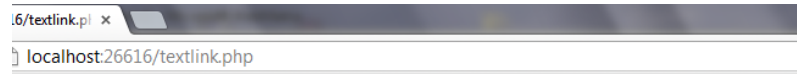
```
}  
}  
?>
```



13. Write a program in PHP for random text link advertising using predefined arrays
//Program 13: textlink.php

```
<?php  
$random_url=array  
(  
    "http://www.hindustantimes.com/", "http://timesofindia.com",  
    "http://www.hindu.com/", "http://www.deccanchronicle.com/",  
    "http://Indiatoday.intoday.in/site/", "http://m.expressbuzz.com/"  
);  
  
$url_title=array  
(  
    "Hindustan times", "Times of India", "The Hindu",  
    "The deccan chronicle", "India Today", "Express buzz"  
);  
  
$url_desc=array  
(  
    "Includes new coverage Indian Politics,business and economy.", "_brings  
    the latest and top breaking news in India", "_English daily with new views,sports  
    and entertainment coverage",  
    "_offers the latest India Regional", "_brings India latest news,Breaking news India,  
    Top  
    Ploitics News", "_tamil Nadu News,tamil news,latest news,politics headlines"  
);  
$rand=(time());  
$sizeof=count($random_url);  
$random=(rand()%$sizeof);  
print("<center>  
    <a href=\"'$random_url[$random]'\">  
        $url_title[$random]  
    </a>  
    $url_desc[$random]  
    </center>"  
);  
?>
```

//program 13:output



14.a) Write a program in PHP for a simple email processing

```
<?php
require("phpmailer/class.phpmailer.php");
$mail = new PHPMailer();
$mail->IsMail();
$mail->AddAddress("radhasundar1993@gmail.com");
$mail->Subject = "Test 1";
$mail->AddReplyTo("radhasundar1993@gmail.com", "Replies for my site");
$mail->Body = "Please find your file attached.";
if(!$mail->Send())
{
    echo "Error sending: " . $mail->ErrorInfo;;
}
else
{
    echo "Letter sent";
}
?>
```

14 b). Write a program in PHP for a simple email processing with attachment

```
<?php
require("phpmailer/class.phpmailer.php");
$mail = new PHPMailer();
$mail->IsMail();
$mail->AddAddress("radhasundar1993@gmail.com");
$mail->Subject = "Test 1";
$mail->AddAttachment('dbconnect.php', 'dbconnect1.php');
$mail->AddReplyTo("radhasundar1993@gmail.com", "Replies for my site");
$mail->Body = "Please find your file attached.";
if(!$mail->Send())
```

```

{
    echo "Error sending: " . $mail->ErrorInfo;;
}
else
{
    echo "Letter sent";
}
?>

```

14 c). Write a program in PHP for a simple email processing with attachment using forms

```

<html>
<body>
<h3> Email Form</h3>
<form encytype="multipart/form-data" action="<?php echo $_SERVER['PHP_SELF']?>" method="post">
<table>
<tr><td> Your Gmail username: </td>
<td><input type="text" name="from" value=""/></td>
</tr>

<tr><td> Your Gmail Password: </td>
<td><input type="password" name="password" value=""/></td>
</tr>

<tr><td> Senders name: </td>
<td><input type="text" name="from_name" value=""/></td>
</tr>
<tr><td> To: </td>
<td><input type="text" name="to" value=""/></td>
</tr>

<tr><td> Receivers name: </td>
<td><input type="text" name="to_name" value=""/></td>
</tr>

<tr><td> Subject: </td>
<td><input type="text" name="subject" value=""/></td>
</tr>

<tr><td> Contents: </td>
<td><textarea name="contents" rows="5" cols="50"></textarea></td>
</tr>

<tr><td> Attachement: </td>
<td><input type="file" name="attachment" /></td>
</tr>
</table>
<input type="submit" name="submit" value="send Email"/>

```

```
</form>

<?php
if(isset($_POST['submit']))
{
require('phpmailer/class.phpmailer.php');
$mail=new PHPMailer();
$from=$_POST['from'];
$password=$_POST['password'];
$from_name=$_POST['from_name'];
$to=$_POST['to'];
$to_name=$_POST['to_name'];
$subject=$_POST['subject'];
$contents=$_POST['contents'];
$attachment=$_POST['attachment'];
$mail->IsMail();
$mail->Username=$from;
$mail->Password=$password;
$mail->Subject=$subject;
$mail->SetFrom($from,$from_name);
$mail->AddAddress($to,$to_name);
$mail->MsgHTML($contents);
$mail->AddAttachment($attachment,'testing');
if(!$mail->Send())
{
echo "mailer error".$mail->ErrorInfo;
}
else
{
echo "<b> Message sent to $to_name !</b>";
echo $attachment;
}
}
?>
</body>
</html>
```

Firefox Send email from localhost/WAMP Se... x http://localhost:8080/mail_html.php

localhost:8080/mail_html.php

Email Form

Your Gmail username:

Your Gmail Password:

Senders name:

To:

Receivers name:

Subject:

Contents:

Attachement:

15. Write a program for PHP for a login script
In my sql create a table as follows

```
mysql> create table users(uname varchar(30),pword varchar(32));
Query OK, 0 rows affected (0.06 sec)

mysql> insert into users values('sujatha',md5('secret'));
Query OK, 1 row affected (0.05 sec)
```

Config.php

```
//config.php
<?php
$host="localhost";
$db_user="root";
$db_pass="";
$db_name="student";
?>
```

//loginscript.php

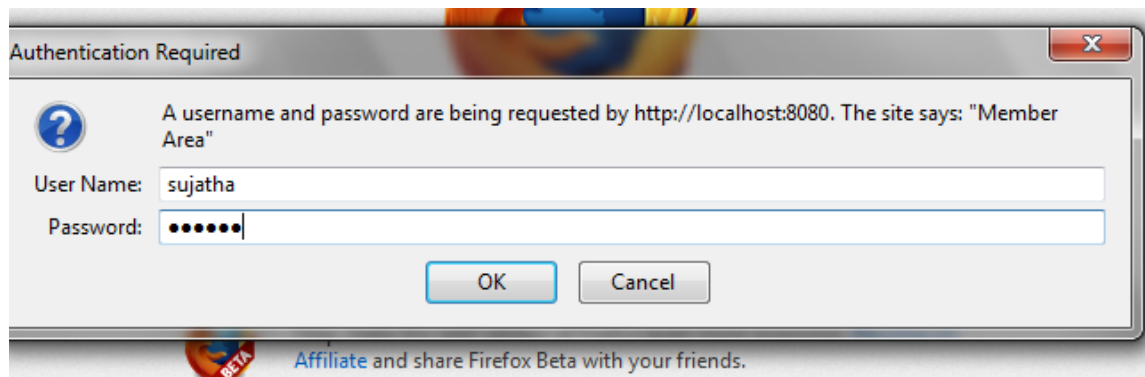
```
<?php
require_once 'config.php';
if(!isset($_SERVER['PHP_AUTH_USER']) || !isset($_SERVER['PHP_AUTH_PW']))
{
header('WWW-Authenticate: Basic realm="Member Area"');
header("HTTP/1.0 401 Unauthorized");
echo "you must enter in a username and password combination";
```

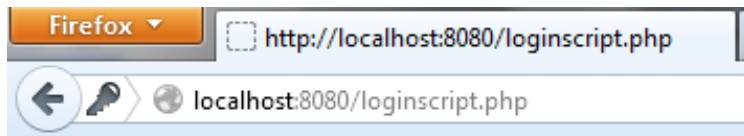
```

exit;
}
$username=$_SERVER['PHP_AUTH_USER'];
$password=$_SERVER['PHP_AUTH_PW'];
$dbhandle=mysqli_connect($host,$db_user,$db_pass,$db_name)
    or die("unable to connect");
echo "succesfully connected <br>";
$query="select * from users where uname = ".$username." and
password = MD5('".$password."')";
$stmt_table=mysqli_query($dbhandle,$query)
or die("unable to execute ".$query);
if(!$row=mysqli_fetch_array($stmt_table))
{
    header('WWW-Authenticate: Basic realm="Member Area"');
    header("HTTP/1.0 401 Unauthorized");
    echo "your username and password are incorrect";
    exit;
}
echo "you have successfully logged in as ".$row['uname'];
?>

```

Output





//config.php successfully connected
you have successfully logged in as sujatha

Program 16: Write a program in PHP for counting lines, number of characters with space and without space from a file

Home.txt

time is precious
tit for tat
an ounce of luck is better than a pound of wisdom
time and tide wait for none

Program 16: Numlines.php

```
<?php
$file="hello.txt";
$dataarr=file($file);
print_r($dataarr);
echo "<br>";
$datastr=file_get_contents($file) or die("cant read from file");
echo "counted" . sizeof($dataarr). "lines\n". "<br>";
$numchar=strlen($datastr);
echo "counted $numchar characters with spaces\n". "<br>";
$newstr=ereg_replace('[[space:]]+', '', $datastr);
$numchar1=strlen($newstr);
echo "counted $numchar1 characters without spaces.\n". "<br>";
$numword=str_word_count($datastr);
echo "counts $numword words.\n";
?>
```

Firefox Sleeping Beauty - and more free onli... http://localhost:8080/numlines.php

localhost:8080/numlines.php

Array ([0] => time is precious [1] => tit for tat [2] => an ounce of luck is better than a pound of wisdom [3] => time and tide wait for none)
 counted 4 lines
 counted 109 characters with spaces

Deprecated: Function ereg_replace() is deprecated in C:\wamp\www\numlines.php on line 19

Call Stack

#	Time	Memory	Function	Location
1	0.0004	370512	{main}()	..\numlines.php:0

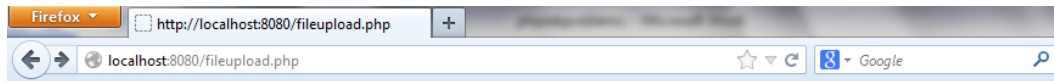
counted 109 characters without spaces.
 counts 23 words.

17. Write a program in PHP to upload file using form control.

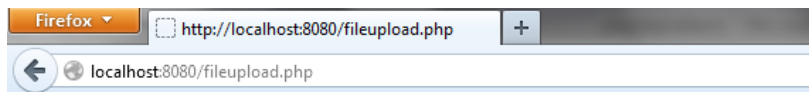
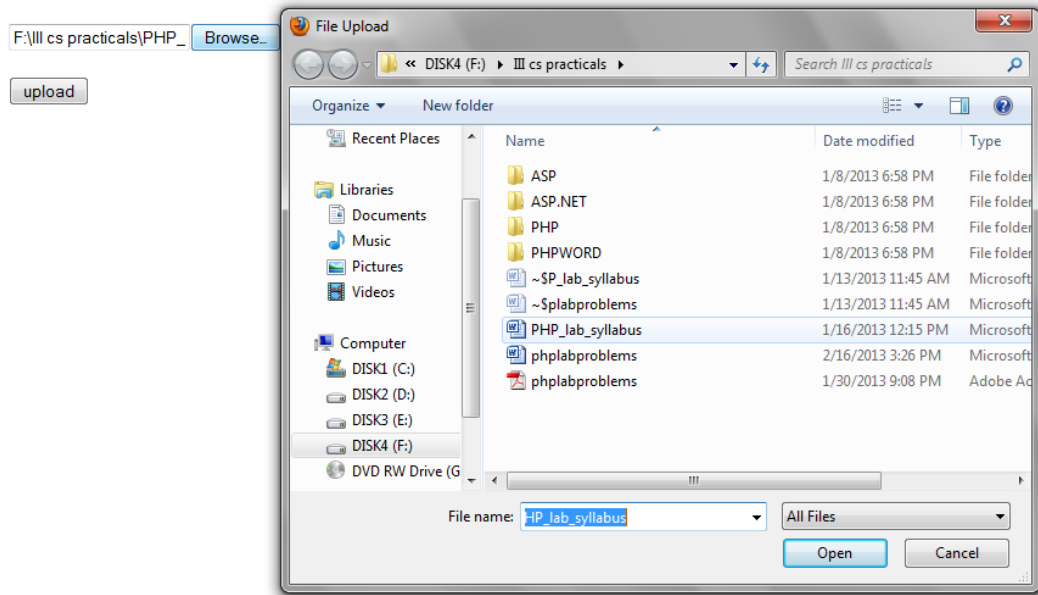
Program 17: fileupload.php

```
<html>
<body>
<form enctype="multipart/form-data" method="post" action="<?php echo $_SERVER['PHP_SELF']?>">
<center><b>uploading a file</b></center><br><br>
<input type="hidden" name="MAX_LENGTH_SIZE" value="500000"/>
<input type="file" name="pic"/><br><br>
<input type="submit" name="submit" value="upload"/>
</form>
</body>
</html>
<?php
if(isset($_POST['submit']))
{
    $error=$_FILES['pic']['error'];

    if($error==UPLOAD_ERR_OK)
    {
        echo $_FILES['pic']['name']."<br> file uploaded succesfully<br>";
        echo "<br>file location-</b>".$_FILES['pic']['tmp_name']."<br>";
        echo "<b> file type-</b>".$_FILES['pic']['type']."<br>";
        echo "<b>file size-</b>".$_FILES['pic']['size']."<br>";
    }
    else
    {
        echo $_FILES['pic']['error'] ."<b>error in uploading</b><br>";
    }
}
?>
```

uploading a file



uploading a file

Browse...

upload

PHP_lab_syllabus.docx
file uploaded successfully

file location-C:\wamp\temp\php2B57.tmp
file type-application/vnd.openxmlformats-officedocument.wordprocessingml.document
file size-14.318359375KB

//program 18: storesession.php

```
<?php
session_start();
$_SESSION['type']="education";
$_SESSION['subjects']=array("computer science","maths","physics");
$_SESSION['type1']="fruits";
$_SESSION['flavours']=array("apple","orange","banana");
```

```
$_SESSION['type2']="newspaper";
$_SESSION['categories']=array("Hindu","Deccan chronicle","Times of India");
print_r($_SESSION);
?>
```

Array ([type] => education [subjects] => Array ([0] => computer science [1] => maths [2] => physics) [type1] => fruits [flavours] => Array ([0] => apple [1] => orange [2] => banana) [type2] => newspaper [categories] => Array ([0] => Hindu [1] => Deccan chronicle [2] => Times of India))

//program 18:ret_session.php

```
<?php
session_start();
if(isset($_SESSION['type2'] )&& isset($_SESSION['categories']))
{
    echo "you would prefer ".$_SESSION['type2']." like ".implode("
,",$_SESSION['categories']);
}
?>
```

you would prefer newspaper like Hindu ,Deccan chronicle ,Times of India

//program 18:del_session.php

```
f<?php
session_start();
if(isset($_SESSION['type2']))
{
    unset($_SESSION['categories']);
}
print_r($_SESSION);
?>
```

fArray ([type] => education [subjects] => Array ([0] => computer science [1] => maths [2] => physics) [type1] => fruits [flavours] => Array ([0] => apple [1] => orange [2] => banana) [type2] => newspaper)

19. Write a program in PHP for admin interface to add and delete users using MySQL

Program 19:Config.php

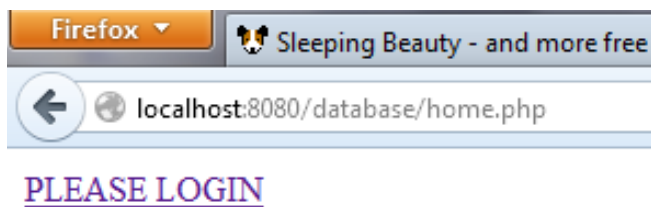
```
<?php
$host="localhost";
$db_user="root";
$db_pass="";
$db_name="student";
?>
```

Program 19:authorize.php

```
<?php
session_start();
if(isset($_SESSION['isAuth']))
{
    $username=$_SESSION['name'];
    echo "<h2> Welcome $username</h2>";
}
else
{
    echo "<a href='login.php'> PLEASE LOGIN</a>";
    exit();
}
?>
```

Program 19:home.php

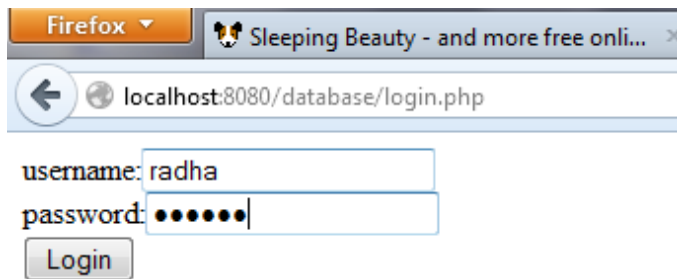
```
<?php
require_once 'authorize.php';
?>
<a href="login.php"> please login</a><br>
<a href="adduser.php"> Add User </a><br>
<a href="viewuser.php"> view user details</a><br>
<a href="deleteuser.php"> Delete User </a><br>
<a href="logout.php"> Log out</a><br>
```



Program 19:login.php

```
<?php
if(isset($_POST['submit']))
{
    require_once 'config.php';
    $dbhandle=mysqli_connect($host,$db_user,$db_pass,$db_name)
        or die("unable to connect");
    $username=mysqli_escape_string($dbhandle,$_POST['username']);
    $password=mysqli_escape_string($dbhandle,$_POST['password']);
    if(empty($username) || empty($password))
    {
        exit("please enter username and password");
    }
    $query="select * from login where uname='$username' and pword='$password'";
    $login_result=mysqli_query($dbhandle,$query)
        or die("unable to execute". $query);
    if(mysqli_num_rows($login_result)==1)
    {
        session_start();
        $_SESSION['name']=$username;
        $_SESSION['isAuth']=true;
        header('Location:home.php?.SID');
        exit();
    }
    else
    {
        echo "wrong username/password combination <br>";
    }
}

?>
<html>
<head>
<title>
    PHP LOGIN FORM
</title>
</head>
<body>
    <form action="<?php echo $_SERVER['PHP_SELF'];?>" method="post">
        username:<input type="text" name="username" value=""/><br>
        password:<input type="password" name="password" value=""/><br>
        <input type="submit" name="submit" value="Login"/>
    </form>
</body>
</html>
```



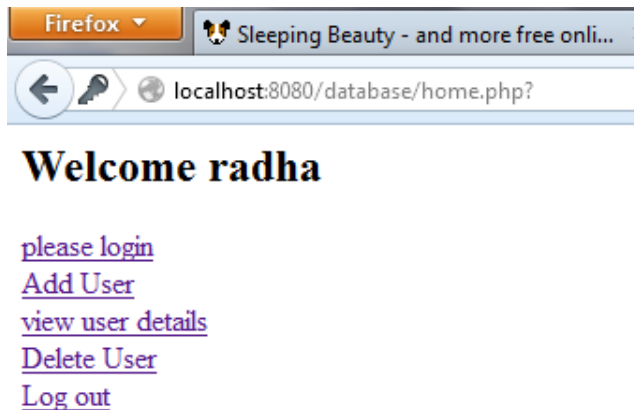
Firefox Sleeping Beauty - and more free onli... x

localhost:8080/database/login.php

username: radha

password: ●●●●●●●

Login



Firefox Sleeping Beauty - and more free onli... >

localhost:8080/database/home.php?

Welcome radha

[please login](#)

[Add User](#)

[view user details](#)

[Delete User](#)

[Log out](#)

Program 19:adduser.php

```
<?php

require_once 'authorize.php';
?>

<?php
if(isset($_GET['submit']))
{
    require_once 'config.php';
    $dbhandle=mysqli_connect($host,$db_user,$db_pass,$db_name)
        or die("unable to connect");

    $uname=mysqli_escape_string($dbhandle,$_GET['uname']);
    $pword=mysqli_escape_string($dbhandle,$_GET['pword']);

    $query="insert into login values('$uname','$pword')";

    $login_table=mysqli_query($dbhandle,$query)
        or die("unable to execute".$query);

    if(mysqli_affected_rows($dbhandle)==1)
```

```

{
    echo "user data inserted successfully";
}
else
{
    echo "unable to insert data";
}
header('Location:home.php?'.SID);
exit();
mysqli_close($dbhandle);
}

?>
<html>
<head>
<title>
    student details
</title>
</head>
<body>
    <form action="<?php echo $_SERVER['PHP_SELF']?>" method="get">
        <table>
            <tr>
                <td>Please enter user name:</td>
                <td><input type="text" name="uname" value=""/></td>
            </tr>
            <tr>
                <td>Please enter password:</td>
                <td><input type="password" name="pword" value=""/></td>
            </tr>
        </table>
        <input type="submit" name="submit" value="Add User"/>

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

```

Firefox Sleeping Beauty - and more free onli...

localhost:8080/database/adduser.php

Welcome radha

Please enter user name:

Please enter password:

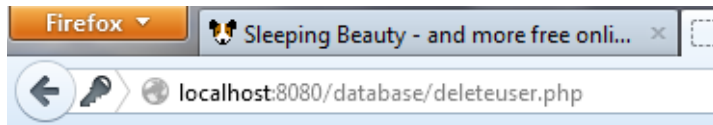
Program 19:deleteuser.php

```
<?php
require_once 'authorize.php';
if(isset($_POST['submit']))
{
    require_once 'config.php';
    $dbhandle=mysqli_connect($host,$db_user,$db_pass,$db_name)
        or die("unable to connect");
    $uname=mysqli_escape_string($dbhandle,$_POST['uname']);
    $query="delete from login where uname='".$uname."'";
    $login_table=mysqli_query($dbhandle,$query)
        or die("unable to execute".$query);
    if(mysqli_affected_rows($dbhandle)==1)
    {
        echo "user data deleted successfully";
    }
    else
    {
        echo "unable to delete data";
    }

    mysqli_close($dbhandle);
    header('Location:home.php?'.SID);
    exit();
}

?>
<html>
    <head>
        <title>
            student details
        </title>
    </head>
    <body>
        <form action="<?php echo $_SERVER['PHP_SELF'];?>" method="post">
            please enter login name :<input type="text" name="uname" value=""/><br>
            <input type="submit" name="submit" value="Delete User Data"/>

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



Welcome radha

please enter login name : iit

Delete User Data

Program 19:viewuser.php

```
<?php
require_once 'authorize.php';
?>
<?php
if(isset($_GET['submit']))
{
    require_once 'config.php';
    $dbhandle=mysqli_connect($host,$db_user,$db_pass,$db_name)
        or die("unable to connect");
    $uname=mysqli_escape_string($dbhandle,$_GET['uname']);

    $query="select * from login where uname='".$uname."'";
    $login_table=mysqli_query($dbhandle,$query)
        or die("unable to execute".$query);

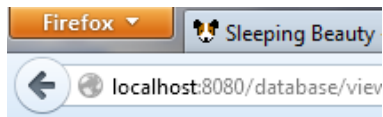
    $column=mysqli_fetch_fields($login_table);
    echo "<table border=1>";
    foreach($column as $col)
    {
        echo "<th>".$col->name."</th>";
    }
    while($row=mysqli_fetch_array($login_table))
    {
        echo "<tr>";
        echo "<td>".$row['uname']."</td>";
        echo "<td>".$row['pword']."</td>";
        echo "</tr>";
    }
    echo "</table>";
    mysqli_close($dbhandle);
}
```



```
//header('Location:home.php?'.SID);
exit();
}
?>

<html>
  <head>
    <title>
      student details
    </title>
  </head>
  <body>
    <form action="<?php echo $_SERVER['PHP_SELF']?>" method="get">
      please enter user name:<input type="text" name="uname" value=""/><br>
      <input type="submit" name="submit" value="Get Details"/>

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



Welcome radha

uname	pwd
raveena	sixth

Program 19:logout.php

```
<?php
session_start();
unset($_SESSION['name']);
unset($_SESSION['isAuth']);
session_destroy();
header('Location:login.php');
?>
```

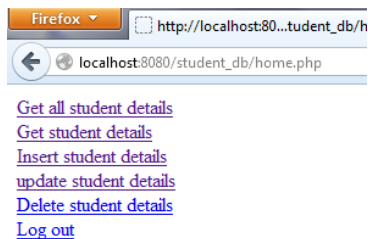
20. Write a program in PHP to add, update and delete using student database

//config.php

```
<?php
$host="localhost";
$db_user="root";
$db_pass="";
$db_name="student";
?>
```

//home.php

```
<a href="selectdb.php"> Get all student details</a><br>
<a href="selectstudent.php"> Get student details</a><br>
<a href="insertdb.php"> Insert student details</a><br>
<a href="updatedb.php"> update student details</a><br>
<a href="delete.php"> Delete student details</a><br>
<a href="logout.php"> Log out</a><br>
```



//selectdb.php

```
<?php
require_once 'config.php';
$dbhandle=mysqli_connect($host,$db_user,$db_pass,$db_name)
    or die("unable to connect");
echo "connected suceesfully";
$query="select * from st_table";
$stmt=mysqli_query($dbhandle,$query)
    or die("unable to execute".$query);
$column=mysqli_fetch_fields($stmt);
echo "<table border=1>";
foreach($column as $col)
{
    echo "<th>".$col->name."</th>";
}
}
```

```

while($row=mysqli_fetch_array($st_table))
{
    echo "<tr>";
    echo "<td>".$row['student_id']. "</td>";
    echo "<td>".$row['st_name']. "</td>";
    echo "<td>".$row['age']. "</td>";
    echo "<td>".$row['dept_id']. "</td>";
    echo "</tr>";
}
echo "</table>";
mysqli_close($dbhandle);
echo "<a href='home.php'> back</a><br>";
?>

```

Firefox http://localhost:8080...ent_db/selectdb.php

localhost:8080/student_db/selectdb.php

connected successfully

student_id	st_name	age	dept_id
100	ram	25	5
101	sname	25	5
103	ganesh	30	2
105	lalitha	19	3
106	radha	20	3
107	kalanithi	21	4
108	vidya	20	4
111	sundar	20	6

//selectstudent.php

```

<?php
if(isset($_GET['submit']))
{
    require_once 'config.php';
    $dbhandle=mysqli_connect($host,$db_user,$db_pass,$db_name)
        or die("unable to connect");
    $sid=mysqli_escape_string($dbhandle,$_GET['sid']);
    if(!filter_var($sid,FILTER_VALIDATE_INT))
    {
        exit("please enter integer");
    }
    $query="select * from st_table where student_id=".$sid;
    $st_table=mysqli_query($dbhandle,$query)
        or die("unable to execute".$query);

    $column=mysqli_fetch_fields($st_table);
    echo "<table border=1>";

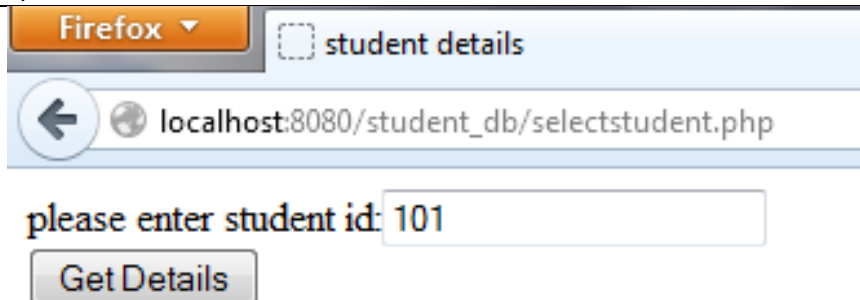
```

```

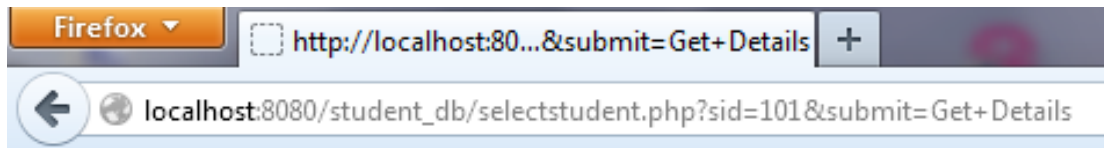
foreach($column as $col)
{
    echo "<th>".$col->name."</th>";
}
while($row=mysqli_fetch_array($st_table))
{
    echo "<tr>";
    echo "<td>".$row['student_id']."</td>";
    echo "<td>".$row['st_name']."</td>";
    echo "<td>".$row['age']."</td>";
    echo "<td>".$row['dept_id']."</td>";
    echo "</tr>";
}
echo "</table>";
mysqli_close($dbhandle);
echo "<a href='home.php'> back</a><br>";
exit();
}
?>
<html>
<head>
<title>
    student details
</title>
</head>
<body>
    <form action="<?php echo $_SERVER['PHP_SELF']?>" method="get">
        please enter student id:<input type="text" name="sid" value=""/><br>
        <input type="submit" name="submit" value="Get Details"/>

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

```



The screenshot shows a web browser window with the title "student details". The address bar displays "localhost:8080/student_db/selectstudent.php". The page content includes the text "please enter student id:" followed by a text input field containing the value "101". Below the input field is a button labeled "Get Details".



student_id	st_name	age	dept_id
101	sname	25	5

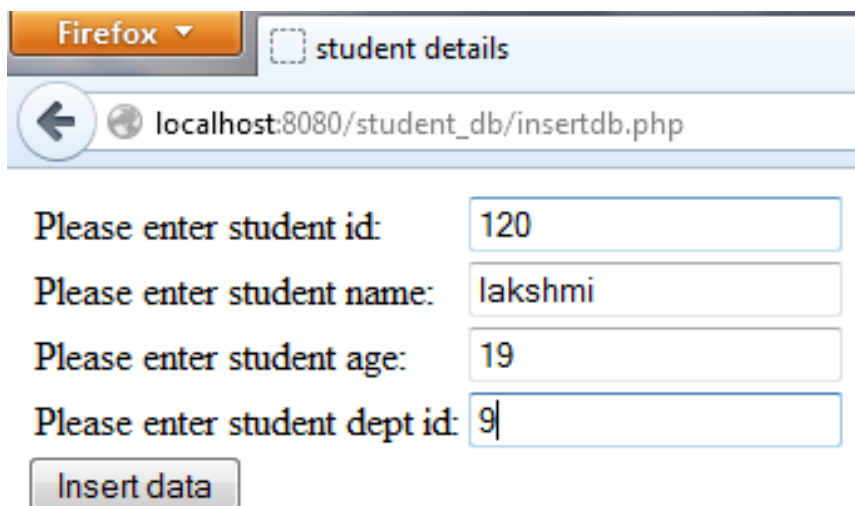
//insertdb.php

```
<?php
if(isset($_GET['submit']))
{
    require_once 'config.php';
    $dbhandle=mysqli_connect($host,$db_user,$db_pass,$db_name)
        or die("unable to connect");
    $sid=mysqli_escape_string($dbhandle,$_GET['sid']);
    $sname=mysqli_escape_string($dbhandle,$_GET['sname']);
    $age=mysqli_escape_string($dbhandle,$_GET['age']);
    $deptid=mysqli_escape_string($dbhandle,$_GET['deptid']);
    if(!filter_var($sid,FILTER_VALIDATE_INT)
        || !filter_var($age,FILTER_VALIDATE_INT)
        || !filter_var($deptid,FILTER_VALIDATE_INT))
    {
        exit("please enter integer values");
    }
    $query="insert into st_table values($sid,'$sname',$age,$deptid)";

    $st_table=mysqli_query($dbhandle,$query)
        or die("unable to execute".$query);
    if(mysqli_affected_rows($dbhandle)==1)
    {
        echo "student data inserted successfully";
    }
    else
    {
        echo "unable to insert data";
    }
    mysqli_close($dbhandle);
    echo "<a href='home.php'> back</a><br>";
}

?>
<html>
<head>
```

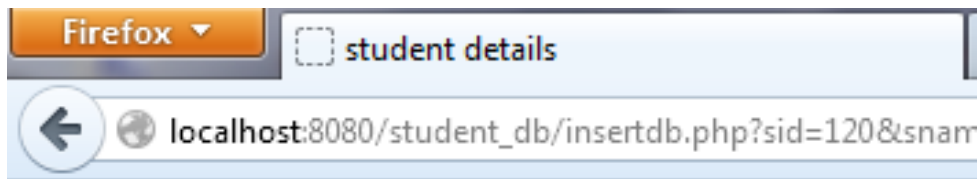
```
<title>
    student details
</title>
</head>
<body>
    <form action="<?php echo $_SERVER['PHP_SELF'];?>" method="get">
        <table>
            <tr>
                <td>Please enter student id:</td>
                <td><input type="text" name="sid" value=""/></td>
            </tr>
            <tr>
                <td>Please enter student name:</td>
                <td><input type="text" name="sname" value=""/></td>
            </tr>
            <tr>
                <td>Please enter student age:</td>
                <td><input type="text" name="age" value=""/></td>
            </tr>
            <tr>
                <td>Please enter student dept id:</td>
                <td><input type="text" name="deptid" value=""/></td>
            </tr>
        </table>
        <input type="submit" name="submit" value="Insert data"/>
    </form>
</body>
</html>
```



The screenshot shows a web browser window with the title 'student details'. The address bar displays 'localhost:8080/student_db/insertdb.php'. The form contains four text input fields with the following labels and values:

Label	Value
Please enter student id:	120
Please enter student name:	lakshmi
Please enter student age:	19
Please enter student dept id:	9

Below the input fields is a button labeled 'Insert data'.



student data inserted successfully

Please enter student id:

Please enter student name:

Please enter student age:

Please enter student dept id:

//updatedb.php

```
<html>
  <body>
<?php
require_once 'config.php';
if(isset($_GET['getdata']))
{
    $sid=$_GET['sid'];
    $st_data=get_student_data($sid);
    display_form($st_data);
}
elseif(isset($_POST['update']))
{
    if(process_update($_POST)==1)
    {
        echo "student data updated successfully<br>";
    }
    elseif(process_update($_POST)==0)
    {
        echo "nothing to update <br>";
    }
    else
    {
        echo "unable to update<br>" ;
    }
}
}
```

```

echo "<a href='home.php'> back</a><br>";
?>
    <form action="<?php echo $_SERVER['PHP_SELF']?>" method="get">
        Enter student id:
        <input type="text" name="sid" value=""/>
        <input type="submit" name="getdata" value="submit"/>
    </form>
<?php

function process_update($update_form)
{
    $dbhandle=mysqli_connect($GLOBALS['host'],$GLOBALS['db_user'],$GLOBALS['db_pass'],
        $GLOBALS['db_name']) or die("unable to connect");
    $sid=mysqli_escape_string($dbhandle,$update_form['sid']);
    $sname=mysqli_escape_string($dbhandle,$update_form['sname']);
    $age=mysqli_escape_string($dbhandle,$update_form['age']);
    $deptid=mysqli_escape_string($dbhandle,$update_form['deptid']);
    if(!filter_var($sid,FILTER_VALIDATE_INT)
        || !filter_var($age,FILTER_VALIDATE_INT)
        || !filter_var($deptid,FILTER_VALIDATE_INT))
    {
        exit("please enter integer values");
    }
    $query="update st_table set st_name='$sname','."age=$age",".
        "dept_id=$deptid where student_id=$sid";
    $st_table=mysqli_query($dbhandle,$query)
        or die("unable to execute".$query);
    $affected_rows=mysqli_affected_rows($dbhandle);
    mysqli_close($dbhandle);
    return $affected_rows;
}

function get_student_data($sid)
{
    //require_once 'config.php';
    $dbhandle=mysqli_connect($GLOBALS['host'],$GLOBALS['db_user'],$GLOBALS['db_pass'],
        $GLOBALS['db_name']) or die("unable to connect");
    // $sid=mysqli_escape_string($dbhandle,$sid);
    // if(!filter_var($sid,FILTER_VALIDATE_INT))
    // {
    // exit("please enter integer values");
    // }
    $query="select * from st_table where student_id=".$sid;
    $student_table=mysqli_query($dbhandle,$query)
        or die("unable to execute");
    $student_data=mysqli_fetch_array($student_table);
    mysqli_close($dbhandle);
    return($student_data);
}

```



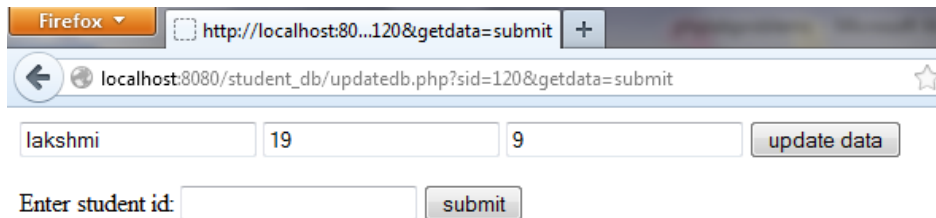
```

}

function display_form($student_data)
{
    ?>
    <form action="<?php echo $_SERVER['PHP_SELF']?>" method="post">
    <input type="hidden" name="sid" value="<?php echo $student_data[0]?>" />
    <input type="text" name="sname" value="<?php echo $student_data[1]?>" />
    <input type="text" name="age" value="<?php echo $student_data[2]?>" />
    <input type="text" name="deptid" value="<?php echo $student_data[3]?>" />
    <input type="submit" name="update" value="update data" />
    </form>
    <?php

}
?>
</body>
</html>

```



Firefox | http://localhost:80...120&getdata=submit

localhost:8080/student_db/updatedb.php?sid=120&getdata=submit

lakshmi 19 9 update data

Enter student id: submit

//deletedb.php

```

<?php

if(isset($_POST['submit']))
{
    require_once 'config.php';
    $dbhandle=mysqli_connect($host,$db_user,$db_pass,$db_name)
        or die("unable to connect");
    $sid=mysqli_escape_string($dbhandle,$_POST['sid']);
    if(!filter_var($sid,FILTER_VALIDATE_INT))
    {
        exit("please enter integer");
    }
    $query="delete from st_table where student_id=".$sid;
    $student_table=mysqli_query($dbhandle,$query)
        or die("unable to execute".$query);
}

```

```
if(mysqli_affected_rows($dbhandle)==1)
{
    echo "student data deleted successfully";
}
else
{
    echo "unable to delete data";
}
mysqli_close($dbhandle);
echo "<a href='home.php'> back</a><br>";
}

?>
<html>
    <head>
        <title>
            student details
        </title>
    </head>
    <body>
        <form action="<?php echo $_SERVER['PHP_SELF']?>" method="post">
            please enter student id:<input type="text" name="sid" value=""/><br>
            <input type="submit" name="submit" value="Delete Data"/>

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