**HTML**

**1. Design a simple and attractive webpage for Kerala Tourism. It should contain features like background colour/image, headings, text formatting and font tags, images, etc.**

Start Geany and type the following code.

```
<HTML><HEAD>
<TITLE>KERALA TOURISM DEPARTMENT</TITLE></HEAD>
<BODY   BGCOLOR="Cyan">
<CENTER>
<FONT COLOR=RED SIZE=7>KERALA</FONT>
<H2>God's Own Country</H2>
</CENTER>
<BR><HR>
<FONT  COLOR=GREEN   SIZE=4>
<MARQUEE>Cleanest.....Greenest.....Safest</MARQUEE></FONT>
<HR>
<FONT COLOR=BLUE  SIZE=5>Kerala at a Glance</FONT>
<IMG SRC="KERALA.JPG"  HEIGHT =100 WIDTH=100 ALIGN=CENTER>
<P>With the Arabian Sea in the west and networked by 44 rivers, Kerala enjoys unique geographical features that have made it one of the most sought after tourist destinations in Asia. The major attractions are beaches, backwaters, hill stations, exotic wildlife, waterfalls, plantations and paddy fields.
</P>
<P><B>Kerala is India's most advanced society: With hundred percent literacy and world-class health care systems. <U>Kerala is India's cleanest state also.</U>
</B></P></BODY>
</HTML>
```

Save the file with name kerala.html in the folder  D2 . Execute the file .

**2. Design a webpage showing tourist destinations in Kerala as shown below.**

Department of Tourism
Government of Kerala

***Tourist Destinations in Kerala***

1. Beaches
   a. Kovalam
   b. Muzhuppilangad
   c. Kappad
2. Hill Stations
   i. Munnar
   ii. Wayanad
   iii. Gavi
3. Wild life
   - Iravikulam
   - Muthanga
   - Kadalundi

Start Geany and type the following code.

```
<HTML><HEAD>
<TITLE>DEPARTMENT OF TOURISM</TITLE></HEAD>
<BODY>
<H1 ALIGN = CENTER>Department of Tourism</H1>
<H2 ALIGN = CENTER>Government of Kerala</H2>
<H3><I>Tourist Attractions in Kerala</I></H3>
<OL>
<LI>Beaches</LI>
<OL TYPE=a>
<LI>Kovalam</LI>
<LI>Muzhuppilangad</LI>
<LI>Kappad</LI>
</OL>
```

```
<LI>Hill Stations</LI>
<OL TYPE=i>
<LI>Munnar</LI>
<LI>Wayanad</LI>
<LI>Gavi</LI>
</OL>
<LI>Wild life</LI>
<UL TYPE=”disc”>
<LI>Iravikulam</LI>
<LI>Muthanga</LI>
<LI>Kadalundi</LI>
</UL></OL>
</BODY>
</HTML>
```

Save the file with name tourism.html in the folder D2.. Execute the file.

**3. Design a simple webpage about your school. Create another webpage named address.htm containing the school address. Give links from school page to address.htm.**

Start Geany and type the following code.

```
<HTML><HEAD>
<TITLE>COMMERCE</TITLE></HEAD>
<BODY>
<H1 ALIGN=CENTER>ST.EPHREM'S HIGHER SECONDARY SCHOOL</H1>
<H2 ALIGN=CENTER>MANNANAM</H2>
<BR>This school is owned and managed by St. Joseph's Monastery,Mannanam. It started in 1885. It is a co-education school.The school has high school and higher secondary sections.
<BR><BR><B>High School Section</B><UL><LI>VIII<LI>IX<LI>X</UL>
<BR><B>Higher Secondary Section</B>
<UL><LI>Science with Biology<LI>Science with Computer Science<LI>Commerce</UL>
<BR><A HREF="ADDRESS.htm"><I>Address of the school</I></A>
</BODY>
</HTML>
```

Save the file with name SCHOOL.htm in the folder D.

Open new file and type the following code.

```
<HTML>
<HEAD>
<TITLE>School Address</TITLE></HEAD>
<BODY>
<H2><U>Address of the School</U></H2><H3>
<BR>St.Ephrem's Higher Secondary School<BR>Mannanam P.O.<BR>Kottayam (Dt)<BR>Kerala
<BR>Pin - 686561</H3><BR><BR>
<A HREF="SCHOOL.htm">Home page of the school</A>
</BODY>
</HTML>
```

Save the file with name ADDRESS.htm in the folder D2.
Execute the file SCHOOL.htm

**4. Design a web page containing a table as shown below.**

**Terrestrial Planets**

| Planet | Day Length (In Earth hours) | Year Length (In Earth days) |
|---|---|---|
| Mercury | 1408 | 88 |
| Venus | 5832 | 224.7 |
| Earth | 24 | 365.26 |
| Mars | 25 | 687 |

Start Geany and type the following code.

```
<HTML><HEAD>
<TITLE>Terrestrial Planets</TITLE></HEAD>
<BODY>
<CENTER><B>Terrestrial Planets</B></CENTER>
<BR>
<TABLE BORDER=1 CELLPADDING=6 ALIGN=CENTER>
<TR><TH>Planet<TH>Day Length<BR>(In Earth hours)<TH>Year Length<BR>(In Earth days)
<TR ALIGN = CENTER><TD>Mercury<TD>1408<TD>88
<TR ALIGN = CENTER><TD>Venus<TD>5832<TD>224.7
<TR ALIGN = CENTER><TD>Earth<TD>24<TD>362.26
<TR ALIGN = CENTER><TD>Mars<TD>25<TD>687
</BODY>
</HTML>
```

Save the file with name planet.html in the folder D2 . Execute the file.

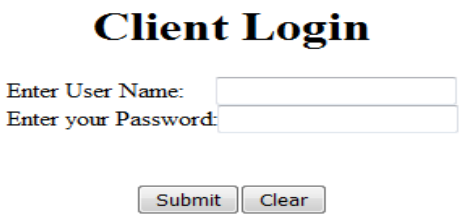
**5.Design an HTML form to accept the Curriculum Vita of a job applicant. The form should provide facility to accept name, address in multiple lines, gender using option button, nationality using a list box and hobbies using check boxes. The form should provide buttons to save and clear the contents of text boxes.**

Start Geany and type the following code.

```
<HTML><HEAD>
<TITLE>Preparation of Curriculum Vita</TITLE></HEAD>
<BODY bgcolor=”orange”>
<FORM><CENTER><H1>LOGIN PAGE </H1><H2>Enter the details of the job applicant</H2>
<BR><FORM>
Name:<BR><INPUT type=text >
<BR><BR>Address:<BR><TEXTAREA rows=4 cols=25 name=address></TEXTAREA>
<BR><BR>Gender:<BR>
<INPUT type=radio  name=Gender  value=male>Male
<INPUT type=radio  name=Gender  value=female>Female
<BR><BR>Nationality:<BR>
<SELECT>
<OPTION value=Indian selected>Indian
<OPTION value=American>American
<OPTION value=British>British
<OPTION value=German>German
<OPTION value=Srilankan>Srilankan
</SELECT>
<BR><BR>Hobbies:<BR>
<INPUT type=checkbox name=hobby value=reading>Reading
<INPUT type=checkbox name=hobby value=games>Playing Games
<INPUT type=checkbox name=hobby value=music>Listening Music
<INPUT type=checkbox name=hobby value=tv>Watching TV
<BR><BR>
<INPUT type=submit   value=Save>
<INPUT type=reset   value=Clear></CENTER></FORM>
</BODY>
</HTML>
```

Save the file with name cvita.html in the folder D2. Execute the file.

**6. Design a simple webpage as shown below:**




Start Geany and type the following code.

```
<HTML><HEAD>
<TITLE>Login </TITLE></HEAD>
<BODY bgcolor=”orange”>
<FORM><CENTER><H1>Client Login</H1><FORM>
  Enter User Name:       
<INPUT type=text name=uname size=20><BR>
  Enter your Password:<INPUT type=password name=pwd size=20><BR>
<BR><BR><INPUT type=submit value=Submit>
<INPUT type=reset value=Clear></CENTER></FORM>
</BODY>
</HTML>
```

Save the file with name login.htm in the folder D2. Execute the file.

7. Design the following webpage as shown below

| Class | Strength | | |
|---|---|---|---|
| | Science | Commerce | Humanitics |
| Plus One | 49 | 50 | 48 |
| Plus Two | 50 | 50 | 49 |

Start Geany and type the following code.

```
<HTML><HEAD>
<TITLE>Class </TITLE></HEAD>
<BODY bgcolor=cyan>
<TABLE BORDER=1>
<TR>
 <TH  rowspan=2>Class</TH>
 <TH colspan=3>Strength</TH>
</TR>
<TR Align=center>
<TH>Science</TH>
<TD>Commerce</TD>
<TD>Humanitics</TD>
</TR>
<TR Align=center>
<TH>Plus One</TH>
<TD>49</TD>
<TD>50</TD>
<TD>48</TD>
</TR>
<TR Align=center>
<TH>Plus Two</TH>
<TD>50</TD>
<TD>50</TD>
<TD>49</TD>
</TR>
</TABLE></BODY>
</HTML>
```

Save the file with name class.html in the folder D2 . Execute the file.

## JavaScript

**8. Develop a webpage with two text boxes and a button labeled "Show". The user can enter a number in the first text box. One clicking the button, the second text box should display the day corresponding to the given number using switch statement in JavaScript. (1 – Sunday, 2 – Monday, ….., 7 – Saturday).**

Start Geany and type the following code.

```
<HTML><HEAD><TITLE>Day of the week</TITLE>
<SCRIPT language="Javascript">
function findday()
{
var d,n;
 d=Number(document.frmday.txtday.value);
switch(d)
{
        case 1:
        n= "sunday";
        break;
        case 2:
        n= "Monday";
        break;
        case 3:
        n= "Tuesday"; break;
        case 4:
        n= "Wednesday"; break;
        case 5:
        n= "Thursday"; break;
        case 6:
        n= "Friday"; break;
        case 7:
        n= "Saturday"; break;
        default:
        n="Invalid day number";
}
document.frmday.txtdayname.value=n;
}
</SCRIPT></HEAD><BODY>
<FORM name="frmday"><CENTER>
Enter the day number <INPUT type="text" name="txtday">
<BR><BR> The day name is<INPUT type="text" name="txtdayname">
<BR><BR>
<INPUT type="button" value="Show" onClick=findday()>
</CENTER></FORM></BODY>
</HTML>
```

Save the file with name day.html in the folder D2. Open the file.

**9. Develop a webpage with two text boxes and a button labelled "Show". The user can enter a number in the first text box. On clicking the button, the second text box should display the sum of all numbers up to the given number. Write the required JavaScript.**

Start Geany and type the following code.

```
<HTML><HEAD><TITLE>Javascript - Sum of numbers</TITLE>
<SCRIPT language="Javascript">
function sumlimit()
{
        var sum=0,i,limit;
        if(document.frmsum.txtlimit.value=="")
        {               alert("Please enter the limit!");
```

```
                return;
        }
        limit=Number(document.frmsum.txtlimit.value);
        for(i=1;i<=limit;i++)
        sum+=i;
        document.frmsum.txtsum.value=sum;

}
</SCRIPT></HEAD><BODY>
<FORM name=frmsum><CENTER>
Enter the limit <INPUT type=text name=txtlimit>
<BR><BR> Sum of numbers<INPUT type=text name=txtsum>
<BR><BR><INPUT type=button value=Show onClick=sumlimit()>
</CENTER></FORM></BODY></HTML>
```

Save the file with name cvita.html in the folder D2 in drive C. Open the file.

**10. Develop a webpage for the inter-school IT fair conducted by your school. The webpage should contain facility to enter school name, user name, password and a mobile phone number. It should also contain buttons for saving and clearing the data entered. Ensure that the data is entered in all the text boxes and the text box for mobile phone number contains only numbers. Write JavaScript for this validation.**

Start Geany and type the following code.

```
<HTML><HEAD><TITLE>Javascript - school IT fair</TITLE>
<SCRIPT language="Javascript">
function checkdata()
{
        var mob;        mob=document.frmschool.mnumb.value;
        if(document.frmschool.sname.value=="")
        {       alert("Please enter the School name!");
                return;         }
        if (document.frmschool.uname.value=="")
        {       alert("Please enter the User name!");
                return;         }
        if(document.frmschool.pname.value=="")
        {       alert("Please enter the Password!");
                return;     }
        if(mob=="")
        {       alert("Please enter the Mobile phone number!");
                return;    }

        if(isNaN(mob) || mob.length<10)
        {       alert("Please enter Valid mobile phone number!");
                return;  }

}
</SCRIPT></HEAD><BODY bgcolor=cyan>
<CENTER><H1>INTER-SCHOOL IT FAIR</H1><H2>School Registration Form</H2>
<BR><FORM name=frmschool>School Name:<BR><INPUT type=text name=sname
size=40>


<BR><BR>User Name:<BR><INPUT type=text name=uname size=20>
<BR><BR>Password:<BR><INPUT type=password name=pname size=15>
<BR><BR>Mobile Phone Number:<BR><INPUT type=text name=mnumb size=12>
<BR><BR><INPUT type=submit value=Save onClick=checkdata()>
<INPUT type=reset value=Clear></FORM></CENTER></BODY></HTML>
```

Save the file with name itfair.html in the folder D2. Open the file.

**SQL**

***1. Consider a table Student with the following fields***

RollNo INT Primary key
Name VARCHAR(25)
Batch VARCHAR(15)
Mark1 INT
Mark2 INT
Mark3 INT
Total INT
Write SQL commands for the following:-
a. Create the above table
b. Insert at least 5 records
c. Update the column Total with the sum of Mark1, Mark2 and Mark3.
d. List the details of students in Commerce batch.
e. Display the name and total marks of students who are failed (Total < 90).
f. Display the name and batch of those students who scored 90 or more in Mark1 and Mark2.
g. Delete the student who scored below 30 in Mark3.

***Procedure:-***

a. CREATE TABLE STUDENT
(ROLLNO INT PRIMARY KEY, NAME VARCHAR(25), BATCH VARCHAR(15),
MARK1 INT, MARK2 INT, MARK3 INT, TOTAL INT);

b. INSERT INTO STUDENT (ROLLNO ,NAME, BATCH, MARK1, MARK2, MARK3)
VALUES(101,'ANTONY','SCIENCE',55,60,70),
(102,'BABU','COMMERCE',70,80,75),
(103,'MERLYN','SCIENCE',92,95,91),
(104,'SYAMLAL', 'COMMERCE',94,92,93),
(105,'ASHA','SCIENCE',25,30,28);

c. UPDATE STUDENT SET TOTAL=MARK1+MARK2+MARK3;

d. SELECT * FROM STUDENT WHERE BATCH='COMMERCE';

e. SELECT NAME, TOTAL FROM STUDENT WHERE TOTAL<90;

f. SELECT NAME, BATCH FROM STUDENT WHERE MARK1>=90 AND MARK2>=90;

g. DELETE FROM STUDENT WHERE MARK3<90;

***2. Consider a table Employee with the following fields***

Empcode INT Primary key
Empname VARCHAR (20)
Designation VARCHAR (25)
Department VARCHAR (25)
Basic DEC (10,2)
DA DEC (10,2)
Gross DEC (10,2)
Write SQL commands for the following:-
a. Create the above table
b. Insert at least 5 records
c. Update DA with 75% of Basic for Managers and 80% Basic for all other employees.
d. Update the Gross with the sum of Basic and DA
e. Display the details of employees in Purchase and HR departments in descending order of Gross pay.
f. Find the number of employees in Accounts department.
g. Delete the details of clerks whose Gross pay is below 10000.

***Procedure:-***

a. CREATE TABLE EMPLOYEE
(EMPCODE INT PRIMARY KEY, EMPNAME VARCHAR(20), DESIGNATION VARCHAR(25),
DEPARTMENT VARCHAR(25), BASIC DEC(10,2), DA DEC(10,2), GROSS DEC(10,2));

b. INSERT INTO EMPLOYEE (EMPCODE, EMPNAME, DESIGNATION, DEPARTMENT, BASIC)
VALUES(101,'JOHN','MANAGER','HR',20000),
(102,'ANJANA','CLERK','HR',6000),
(103,'NIRMALA','MANAGER','SALES',17000),
(104,'RAJAN','CLERK','SALES',4000),

(105,'JOSEPH','MANAGER','PURCHASE',18000),
(106,'VIMALA','CLERK','PURCHASE',5000),
(107,'CHANDRAN','MANAGER','ACCOUNTS',22000),
(108,'PARVATHY','CLERK','ACCOUNTS',6500);

c. UPDATE EMPLOYEE SET DA=BASIC*0.75 WHERE DESIGNATION = 'MANAGER';
UPDATE EMPLOYEE SET DA=BASIC*0.8 WHERE DESIGNATION <> 'MANAGER';

d. UPDATE EMPLOYEE SET GROSS=BASIC+DA;

e. SELECT * FROM EMPLOYEE WHERE DEPARTMENT IN ('PURCHASE', 'HR')
ORDER BY GROSS DESC;

f. SELECT COUNT(*) FROM EMPLOYEE WHERE DEPARTMENT='ACCOUNTS';

g. DELETE FROM EMPLOYEE WHERE DESIGNATION='CLERK' AND GROSS<10000;

***3. Consider a table Stock with the following fields***
Itemcode INT Primary key
Itemname VARCHAR (20)
Manufacturer VARCHAR (15)
Quantity INT
UnitPrice DEC (10,2)
Expiry Date
Write SQL commands for the following:-
a. Create the above table
b. Insert at least 5 records
c. Display the number of items manufactured by each company.
d. Add a new column Reorder in the table to store the reorder level of items.
e. Update the column Reorder with value obtained by deducting 10% of the current stock.
f. Display the details of items which expire at last.
g. Remove the items that are manufactured by "ADIDAS".

***Procedure:-***
a. CREATE TABLE STOCK
(ITEMCODE INT PRIMARY KEY, ITEMNAME VARCHAR(20),
MANUFACTURER VARCHAR(15), QUANTITY INT, UNITPRICE DEC(10,2), EXPIRY DATE);

b.INSERT INTO STOCK VALUES (101,'SCHOOL BAG','MARVEL', 40,450,'2015-12-31'),
(102,'SHOE','ADIDAS', 50 ,750 ,'2016-03-28'),
(103,'SOCKS','ADIDAS', 75,75,'2017-10-20'),
(104,'PENCIL','ABC', 200,7,'2017-02-19'),
(105,'PEN','BISMI', 250,10,'2017-12-15'),
(106,'ERASER','ABC', 200,5,'2015-12-25');

c. SELECT MANUFACTURER, COUNT(*) FROM STOCK GROUP BY MANUFACTURER;

d. ALTER TABLE STOCK ADD (RECORDER INT);

e. UPDATE STOCK SET RECORDER = QUANTITY*0.9;

f. SELECT * FROM STOCK WHERE EXPIRY = (SELECT MAX(EXPIRY) FROM STOCK);

g. DELETE FROM STOCK WHERE MANUFACTURER ='ADIDAS';

***4. Create a table Book with the following fields and insert at least 5 records into the table.***
BookNo INT Primary key
BookName VARCHAR (20)
Author VARCHAR (25)
Publisher VARCHAR (25)
Price DEC (10,2)

Write SQL commands for the following:-
a. Create the above table

b. Insert at least 5 records
c. Display the details of books with price 200 or more.
d. Display the Name of all the books published by SCERT.
e. Increase the price of the books by 10% which are published by SCERT.
f. List the details of books with the title containing the word “Programming” at the end.
g. Remove all the books written by ‘BALAGURUSWAMY’.

***Procedure:-***

a. CREATE TABLE BOOK
(BOOKNO INT PRIMARY KEY, BOOKNAME VARCHAR(20), AUTHOR VARCHAR(25),
PUBLISHER VARCHAR(25), PRICE DEC(10,2));

b. INSERT INTO BOOK
VALUES (1001,’VISUAL BASIC 6’,’STEVE BROWN’,’BPB’,275),
(1002,’C PROGRAMMING’,’BALAGURUSWAMY’,’BPB’,200),
(1003,’COMPUTER SCIENCE C++’,’SUMITA ARORA’,’DHANPAT’,125),
(1004,’COMPUTER APPLICATIONS’,’SONIA DEEPAK’,’SCERT’,180),
(1005,’COMPUTER SCIENCE’,’SHAJI VELLALLOOR’,’MATHA’,125),
(1006,’OBJECT ORIENTED PROGRAMMING’,’ROBERT LAFORE’,’SCERT’,300),

c. SELECT * FROM BOOK WHERE PRICE >=200;

d. SELECT BOOKNAME FROM BOOK WHERE PUBLISHER = ‘SCERT’;

e. UPDATE BOOK SET PRICE=PRICE+PRICE*0.1 WHERE PUBLISHER=’SCERT’;

f. SELECT * FROM BOOK WHERE BOOKNAME LIKE ‘%PROGRAMMING’;

g. DELETE FROM BOOK WHERE AUTHOR=’BALAGURUSWAMY’;

***5. Consider a table Bank with the following fields***

AccNo INT Primary key
AccName VARCHAR (20)
Branch VARCHAR (25)
AccType VARCHAR (10)
Amount DEC (10,2)

Write SQL commands for the following:-
a. Create the above table
b. Insert at least 5 records
c. Display the total amount of all the account holders in each branch.
d. Display the number of account holders in each branch.
e. Display the details of customers with the lowest balance amount.
f. Display the details of customers having savings account in the descending order of the amount.
g. Display the amount and amount of customers in Kozhikode branch

***Procedure:-***

a) CREATE TABLE BANK
(ACCNO INT PRIMARY KEY, ACCNAME VARCHAR(20),BRANCH VARCHAR(25),
ACCTYPE VARCHAR(10), AMOUNT DEC(10,2));

*b)* INSERT INTO BANK VALUES (10510,’THOMAS’,’KOTTAYAM’,’CURRENT’,50000),
(10345,’ANJU’,’ERNAKULAM’,’CURRENT’,100000),
(10660,’ATHIRA’,’KOZHIKODE’,’SAVINGS’,25000),
(10321,’ARJUN’,’ERNAKULAM’,’SAVINGS’,200000),
(10780,’LIGI’,’KOZHIKODE’,’CURRENT’,75000),
(10923,’MANUEL’,’KOTTAYAM’,’CURRENT’,30000),
(10340,’MEERA’,’KOTTAYAM’,’SAVINGS’,80000),

a. SELECT BRANCH, SUM(AMOUNT) FROM BANK GROUP BY BRANCH;
b. SELECT BRANCH, COUNT(*) FROM BANK GROUP BY BRANCH;
c. SELECT * FROM BANK WHERE AMOUNT=(SELECT MIN(AMOUNT) FROM BANK);
d. SELECT * FROM BANK WHERE ACCTYPE=’SAVINGS’ ORDER BY AMOUNT DESC;
e. SELECT ACCNAME, AMOUNT FROM BANK WHERE BRANCH=’KOZHIKODE’ ;

## COMMISSION OF SALES

Write a PHP program to accept the total sales of a particular salesman and display commission. If the monthly sales amount is greater than 1 lakh - commission is 10%, if it is between 1 lakh and 1.5 lakh - commission is 12% and if it is greater than 1.5 lakh - commission is 15%.

Open Geany and type the following code:-

```
<HTML><HEAD><TITLE>
Commission</TITLE></HEAD>
<BODY BGCOLOR="PINK"><CENTER>
<FORM method="post" action="commission.php">
Enter a sales amount:<INPUT type="text" name="txtamt"><BR>
<INPUT type="submit">
</CENTER></BODY></HTML>
```

Save the file with name *commission.html* in the root folder of web server

Open Geany and type the following code:-

```
<?php
$amt=$_POST['txtamt'];
if ($amt>150000)
        $comm=0.15*$amt;
elseif ($amt>10000)
        $comm=0.12*$amt;
else
        $comm=0.1*$amt;
echo "<BR> Commission for Rs ".$amt.  "  is  ".$comm;
?>
```

Save the file with name *commission.php* in the root folder of web server

Open web server and type *localhost* in address bar, then open commission.html

## FACTORIAL OF A NUMBER

Write a PHP program to find the factorial of a given number after accepting the number through a form. The factorial should be calculated using a function named fact().

Open Geany and type the following code:-

```
<HTML><HEAD><TITLE>
FACTORIAL</TITLE></HEAD>
<BODY BGCOLOR="PINK">
<FORM method="post" action="factorial.php">
Enter a number:<INPUT type="text" name="txtnum"><BR>
<INPUT type="submit">
<BR>
</BODY></HTML>
```

Save the file with name *factorial.html* in the root folder of web server

Open Geany and type the following code:-

```
<?php
function fact($n)
{
$f=1;
for($i=1;$i<=$n;$i++)
$f*=$i;
return $f;
}
$a=$_POST['txtnum'];
$fc=fact($a);
echo "<BR> Factorial of ".$a." is ".$fc;
?>
```

Save the file with name *factorial.php* in the root folder of web server .
Open web server and type *localhost* in address bar, then open factorial.html

# LOGIN PAGE

Write a PHP program to accept User Id and password and check whether it is valid or not. If it is correct then display the message “Successfully Logged In” else display the message “Invalid User Id or Password”. (The User Id and password are to be stored in a table in a database and accessed from the PHP program.)

Open Geany and type the following code:-

```
<HTML>
<HEAD>
<TITLE>
LOGIN PAGE</TITLE>
</HEAD>
<BODY BGCOLOR="PINK">
<FORM method="post" action="login.php">
<br><br>
User Name:<INPUT type="text" name="txtuname"><br><br>
Password  :<INPUT type="password" name="txtpwd"><br><br>
<INPUT type="submit" value="submit"  >
</FORM>
</BODY>
</HTML>
```

Save the file with name *login.html* in the root folder of web server

Open Geany and type the following code:-

```
<?php
$uname=$_POST['txtuname'];
$pwd=$_POST['txtpwd'];
$db=@mysql_connect("localhost","root","");
if (!$db)
{
die("COULD NOT CONNECT".mysql_error());
}
echo 'Connected  Succesfully';
$dbfound=mysql_select_db('school',$db);
if ($dbfound)
{
$query=mysql_query("select * from login");
$record=mysql_fetch_array($query);

if(($uname != $record['username']) ||($pwd != $record['password'])  )

        echo "<BR> Invalid UserId or Password";
else
        echo "<BR> Successfully Logged In";
}
mysql_close($db);
?>
```

Save the file with name *login. php* in the root folder of web server .
Open web server and type *localhost* in address bar, then open login.html