

SIT4301 – Internet Programming Lab

Exercise : 1 Develop a static page using any 10 basic HTML elements. [Tags – Heading, Table, Marquee, Image, Style elements, etc.,]

Aim:

To create a static Web page using 10 different formatting elements of HTML.

Tags Used:

- **<H1>,<H2>,...,<H6>**
- ****
- **, **
- **<BIG>**
- **<SMALL>**
- **<SUB>**
- **<SUPER>**
- **<MARQUEE>**
- **<TABLE>**
- **<HR>**

Exercise : 2 DEVELOP STATIC PAGES OF AN ONLINE BOOK STORE

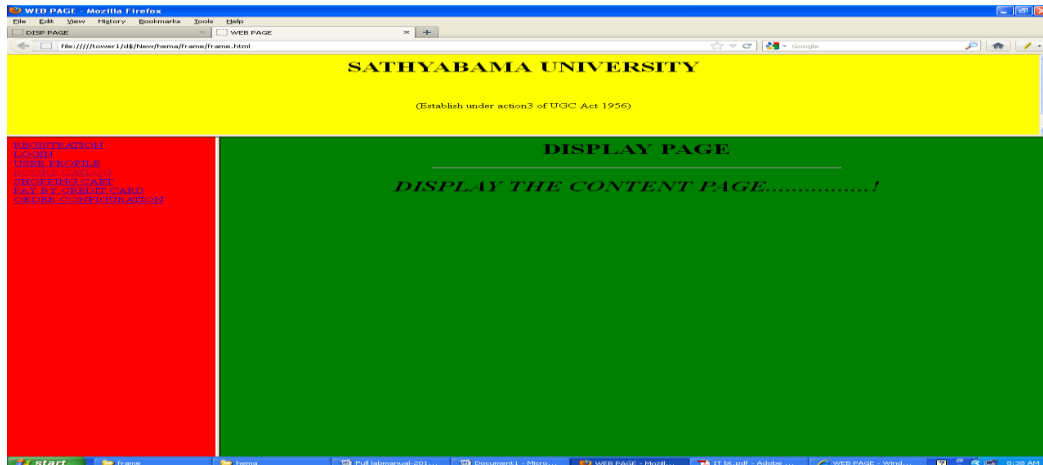
Aim:-

Develop static pages (using Only HTML) of an online Book store. The website should consist the following pages.

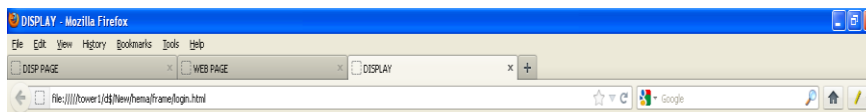
- **Home page**
- **Registration and user Login**
- **User Profile Page**
- **Books catalog**
- **Shopping Cart**
- **Payment By credit card**
- **Order Conformation**

Sample Screenshots:

Home page



Registration and user Login



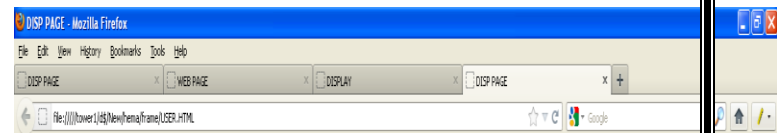
LOGIN

USER NAME:

PASSWORD:

[HOME](#)

User Profile Page



USER PROFILE

REG NO:

NAME:

PHONE NO:

[HOME](#)

Books catalog

BOOKS CATALOG

SERIAL NO.

BOOK NAME

AUTHOUR NAME

NO OF COPIES

PRICE

[HOME](#)

Shopping Cart

SHOPPING CART

PAGE UNDER CONSTRUCTION.....!

☐ JAVA

☐ c++

[HOME](#)

Payment By credit card

PAY BY CREDIT CARD

NAME

CARD NUMBER

ORDER CONFORMATION

YOUR ORDER IS CONFIRMED.....!

[HOME](#)

Order Conformation

Result:-

Exercise : 2

IMAGE MAPPING

Aim:

Create a client side & server side image mapping

a. Client side image Mapping

```

```

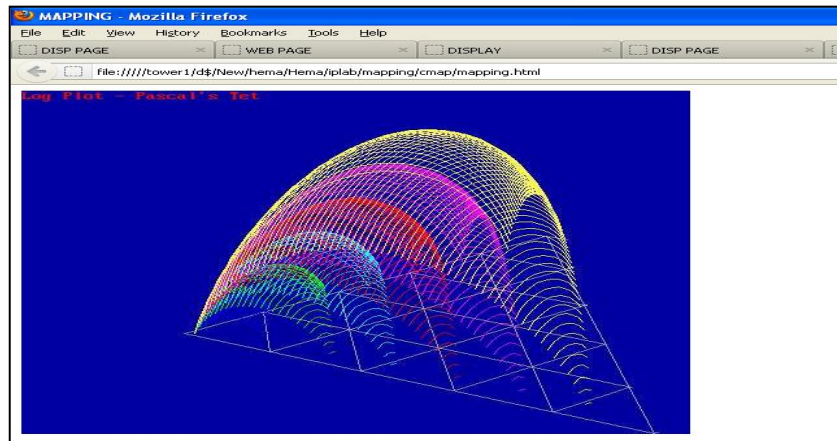
```
<map name="shapes">
```

```
<area shape="circle" coords=101,114,100 href="circle.html">
```

```
<area shape="rect" coords=261,64,343,142 href="rect.html">
```

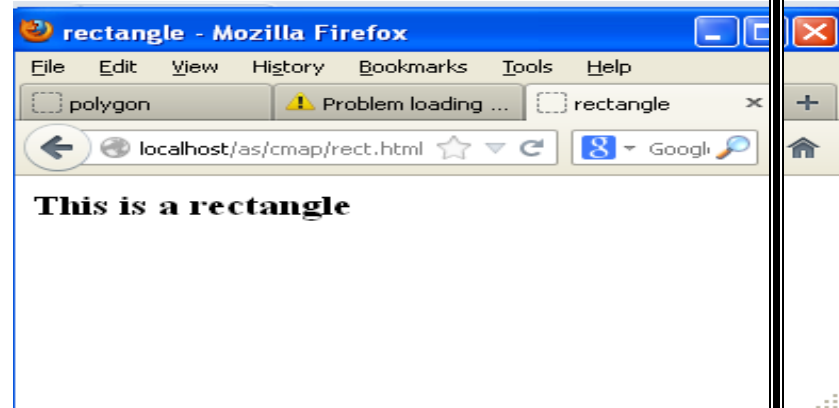
```
<area shape="poly" coords=223,154,171,204,171,256,221,284,271,256,273,204  
href="poly.html">
```

</map>

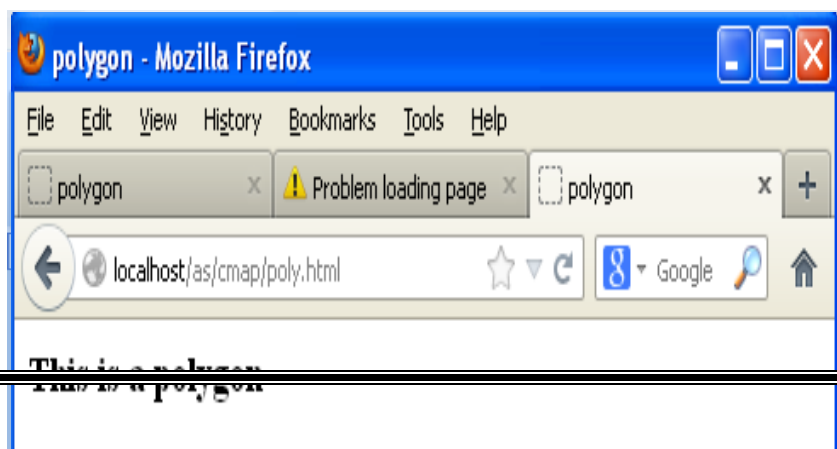


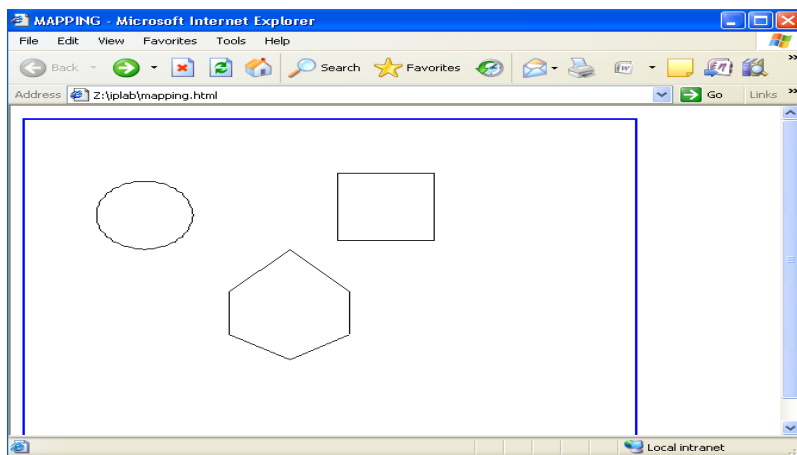
Circle

Rectangle



Polygon





b. Server side image Mapping

```
<a href="mapper.map"> </a>
```

Mapper.map

default a.jpg

poly b.jpg 16,358,216,378,206,556,66,574,14,358

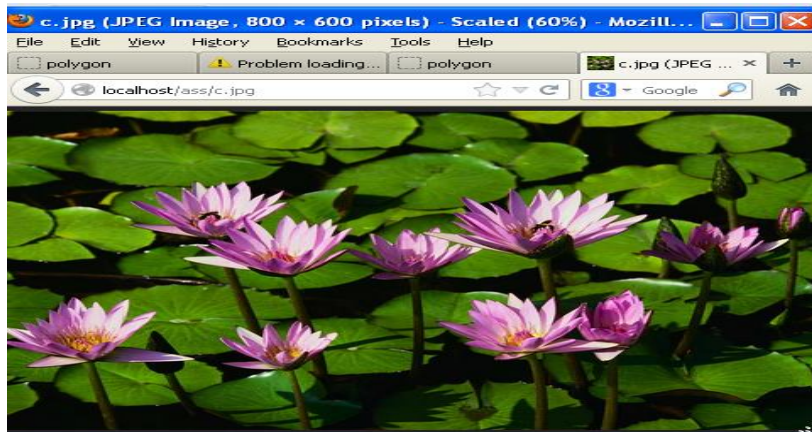
circle c.jpg 200,200,100

rect Sunset.jpg 250,50,350,150

Default



Circle



Result:

Exercise : 3

CASCADING STYLE SHEET

Aim:

Add a Cascading Style sheet for designing the web page.

a. Inline sheet

- b. *Internal sheet*
- c. *External sheet*

Inline Style Sheet

```
html>

<head><title>INLINE STYLE SHEET</title>

</head>

<body >

<h5 style="font:24pt"Times new Roman"bold"><center>Inline StyleSheet</center></h5>

<marquee style="background:blue;color:white;">Welcome to All</marquee>

<p align="center"><b>Definition:</b> Helps to add style information directly in a
element</p>

<font>

<p style="line-height:0.5in;text-indent:0.5;margin-left:1.5in;color:red;font-size:20pt">This
program is an example of internal style sheet which makes use of tags like style which
overrides the styles of H1,strike,font tags<p></font>

<strike style="color:blue">Internal Stylesheet</strike>

<hr width=50% noshade color="skyblue" >

</body>

</html>
```

Internal Style Sheet

```
<html>

    <head>

        <title>Styles</title>

        <style type="text/css">

            body {font-size:30pt; font-family:monotype corsiva;
```



```

        color:green;background-color:yellow;}

        h1 {font-size:30pt; text-align:center; color:red;}

        p {margin-left:50px; margin-right:50px;}

        a:link {color:blue;}

        a:visited {color:red;}

        a:active {color:pink;}

    </style>

</head>

<body>

    <h1>Internal Style Example</h1><hr/><br/>

    <p> Cascading Style sheets defined by <a href="sample.html"> Internal
        style</a> provides powerful page layout facilities</p>

</body>

</html>

```

External Style Sheet

```

<html>
<head><title>EXTERNAL STYLE SHEET</title>
<link rel="stylesheet" href="exstyle.css" type="text/css">
</head>
<body>
<h1><center>External StyleSheet</center></h4>
<p> This program is an example of external style sheet.And has a separate file called
exstyle with .css extension</p>
<big>This is in smallerfont</big><br>
<small>This is in larger font</small>
</body>
</html>

```

exstyle.css

h1

```
{  
font-size:35pt;  
font-family:Arial;  
color:black;  
}
```

body

```
{  
font-size:30pt;  
font-family:monotype corsiva;  
color:green;  
background-color:yellow;  
}
```

p

```
{  
font-size:30pt;  
text-align:center;  
color:red;  
}
```

big

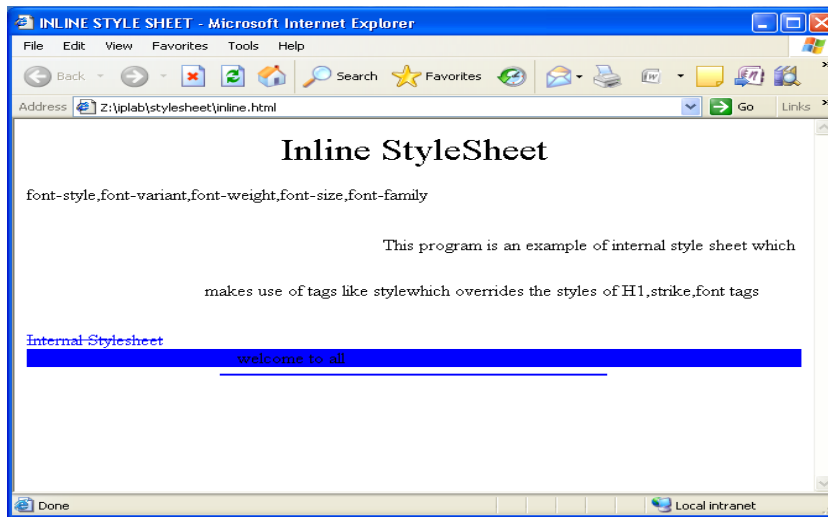
```
{  
margin-left:50px;  
margin-right:50px;  
}
```

small

```
{  
color:blue;
```

}

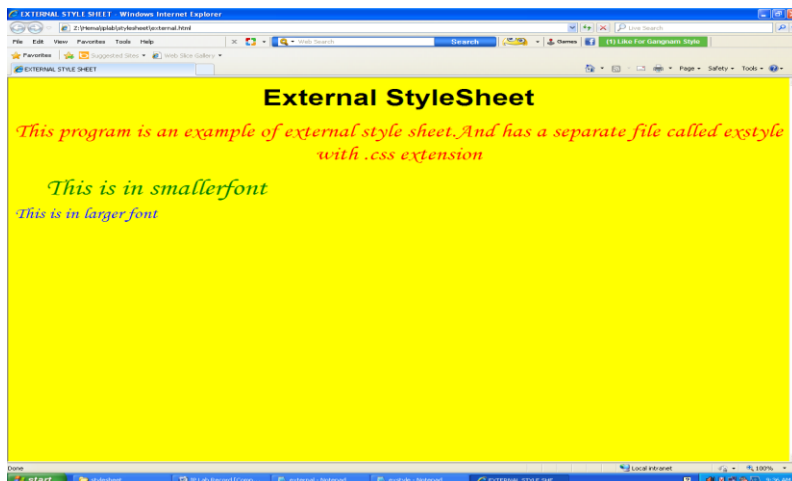
Inline Style Sheet



Internal Style Sheet



External Style Sheet



Result:-

Exercise : 4

FORM VALIDATION

AIM

To Validate the Registration, user login, user profile and payment by credit card pages using JavaScript.

Home.html

```
<html>
  <head>
    <title>OXFORD BOOK SHOP</title>
  </head>
  <frameset rows="15%,*,10%">
    <frame src="banner.html" name="banner">
    <frameset cols="25%,*">
      <frame src="contents.html" >
      <frame src="main.html" name="main">
    </frameset>
    <frame src="footer.html" name="footer">
```

```
</frameset>
</html>
```

Banner.html

```
<html>
  <head>
    <title>Banner</title>
  </head>
  <body bgcolor="brown">
    <font face="timesnewroman" color="black" size="7">

    <marquee>Welcome to online oxford Book shop</marquee>

  </body>
</html>
```

Homepage.html

```
<html>
  <head>
    <h1 align=center>OXFORD ONLINE BOOK SHOPPING</h1>
  </head>
  <body bgcolor="lavender" text="black">
    <p align="justify"><font face="timesnewroman" size="5" color="blue">
    The Oxford Bookstore formerly known as Oxford Bookstore and Stationery Company
    is an Indian book store-chain established in 1920. It has no connection with Oxford
    University Press. Its outlets, on prime locations in the high streets of most of
    the major cities of the Raj such as Delhi, Mumbai, Meerut, Chennai (2006)
    and Calcutta, are well known even today. Still known as the 'Oxford Bookstores,
    the outlets are now managed by the Apeejay Surrendra Group, a Calcutta-based
    conglomerate,
    while the book wholesaling business has been merged with India Book House to
    become Oxford
```

</p>

<address>

<u>OXFORD BOOKS SHOPPING</u>

No. 39/12, Haddows Road,

Nungambakkam,

Haddows Road,

Aayiram Vilakku

Chennai,Tamil Nadu 600034

Phone :044 28227711

</address>

</body>

</html>

Content.html

<html>

<head>

<title> Contents </title>

</head>

<body bgcolor="sky blue">

 Home Page

 Registration and User Login

 Book Catalog

 Shopping Chart

 Payment by Credit Card

Order Confirmation

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

Login.html

```
<html>
<body >
<h1 align=center font-color="red"><u>Simple Login Page </u></h1>
<form name="login">
<center>
    Username:<input type="text" name="userid"><br><br>
    Password: <input type="password" name="pswrd"><br><br><br><br>
    <input type="button" onclick="check(this.form)" value="Login">
    <input type="reset" value="Cancel">
</center>
</form>
<script language="javascript">
function check(form)
{
    if(form.userid.value == "hema" && form.pswrd.value == "hema")
    {
        window.open('PaymentbyCreditCard.html');
    }
    else
    {
        alert("Error Password or Username");
    }
}
</script>
</body>
</html>
```

Shoppingcart.html

[illegible]

BookCatlog:-

```
<html>
<body bgcolor="white">



</body>
</html>
```

User profile and payment by credit card

```
<html>
<head><title>Form validation</title>
<script language="javascript">
var s1,s2,s3,s4,s5,s6,s7,s8;
function fun1()
{
  if(form1.name.value=="")
  {
    alert("enter the name");
    form1.name.focus();
  }
  else
  {

    var l=form1.name.value.length;
    s1=new String(form1.name.value);
    for(i=0;i<l;i++)
    {
      if(!((s1.charAt(i)>='a' || s1.charAt(i)>='A') && (s1.charAt(i)<='z' || s1.charAt(i)<='Z'))))
      {
```

```
        alert("Please enter the correct name");
        form1.name.focus();
        break;
    }

}

}

function fun2()
{
    if(form1.email.value=="")
    {
        alert("enter the email");
        form1.email.focus();
    }
    else
    {
        var c1=0;
        var c2=0;
        var l=form1.email.value.length;
        s2=new String(form1.email.value);
        for(i=0;i<=l;i++)
        {
            if(s2.charAt(i)=='@')
            {
                c1=c1+1;
                var j=i;
            }
        }
        if(c1==1)
        {
```

```

        for(i=j;i<=l;i++)
        {
            if(s2.charAt(i)=='.')
                c2=c2+1;
        }
    }
    if(!((c1==1) && (c2==1)))
    {
        alert("enter the correct e-mail id");
        form1.email.focus();
    }
}
}
function fun3()
{
    s3=form1.age.value;
    if((s3=="")||isNaN(s3)) //isNaN() function determines whether a value is an illegal
number
    {
        alert("enter the age");
        form1.age.focus();
    }
}
function fun4()
{
    s4=form1.addrs.value;
    if(s4=="")
    {
        alert("enter the address");
        form1.addrs.focus();
    }
}

```

```
}  
function fun5()  
{  
    s5=form1.phno.value;  
    if((s5=="") || isNaN(s5))  
    {  
        alert("Invalid phone number");  
        form1.phno.focus();  
    }  
}  
function fun6()  
{  
    var tag1=0;  
  
    for(var i=0;i<form1.bank.length;i++)  
    {  
        if (form1.bank[i].checked==true)  
        {  
            s6=form1.bank[i].value;  
            tag1=1;  
        }  
    }  
    if(!(tag1==1))  
    {  
        alert("select ur Bank");  
    }  
  
}  
function fun7()  
{  
    s7=form1.card.value;
```

```
        if((s7=="") || isNaN(s7))
        {
            alert("Invalid card number");
            form1.card.focus();
        }
    }
function fun8()
{

    s8=form1.pin.value;
    var l=form1.pin.value.length;
    if(((s8=="") || isNaN(s8))&&(l==3))
    {
        alert("Invalid card number");
        form1.pin.focus();
    }
}
function fun9()
{
    w1=window.open('Order Conformation.html');
    w1.document.writeln("<h1><center>");
    w1.document.writeln("Order Conformation Details");
    w1.document.writeln("</h1></center>");
    w1.document.writeln("<br>");
    w1.document.writeln("Name:",s1);
    w1.document.writeln("<br>");
    w1.document.writeln("Email:",s2);
    w1.document.writeln("<br>");
    w1.document.writeln("age:",s3);
    w1.document.writeln("<br>");
    w1.document.writeln("Address:",s4);
```

```

w1.document.writeln("<br>");
w1.document.writeln("Phone:",s5);
w1.document.writeln("<br>");
w1.document.writeln("Bank Name:",s6);
w1.document.writeln("<br>");
w1.document.writeln("Card Number:",s7);
w1.document.writeln("<br>");
}
</script></head>
<body bgcolor="gray" >
<h1><b><u> User profile </u></b></h1>
<form name="form1" method="get">
<b>
Name:&nbsp;&nbsp;&nbsp;<input type="text" name="name" maxlen="5"><br>
E-mail:&nbsp;&nbsp;&nbsp;<input type="text" name="email" onfocus="fun1()"><br>
Age:&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="text" name="age" onfocus="fun2()"><br>
Address:&nbsp;&nbsp;&nbsp;<textarea onfocus="fun3()" rows=10 cols=20
name=addr></textarea><br>
Phoneno:&nbsp;&nbsp;&nbsp;<input type="text" name="phno" onfocus="fun4()" "><br>
Bank Name:<br>
input type="radio" onfocus="fun5()" name="bank" value="Indian Bank">Indian Bank
input type="radio" onfocus="fun5()" name="bank" value="Indian Overseas Bank">Indian
Overseas Bank <br>
input type="radio" onfocus="fun5()" name="bank" value="ICICI">ICICI
input type="radio" onfocus="fun5()" name="bank" value="Axis">Axis <br>
Card No:&nbsp;&nbsp;&nbsp;<input type="text" name="card" onfocus="fun6()" "><br>
Pin No:&nbsp;&nbsp;&nbsp;<input type="password" name="pin" onfocus="fun7()
"><br><br><br><br>
<input type="button" value="submit" onfocus="fun8()" onclick="fun9()">
<input type="reset" value="clear">
</b>

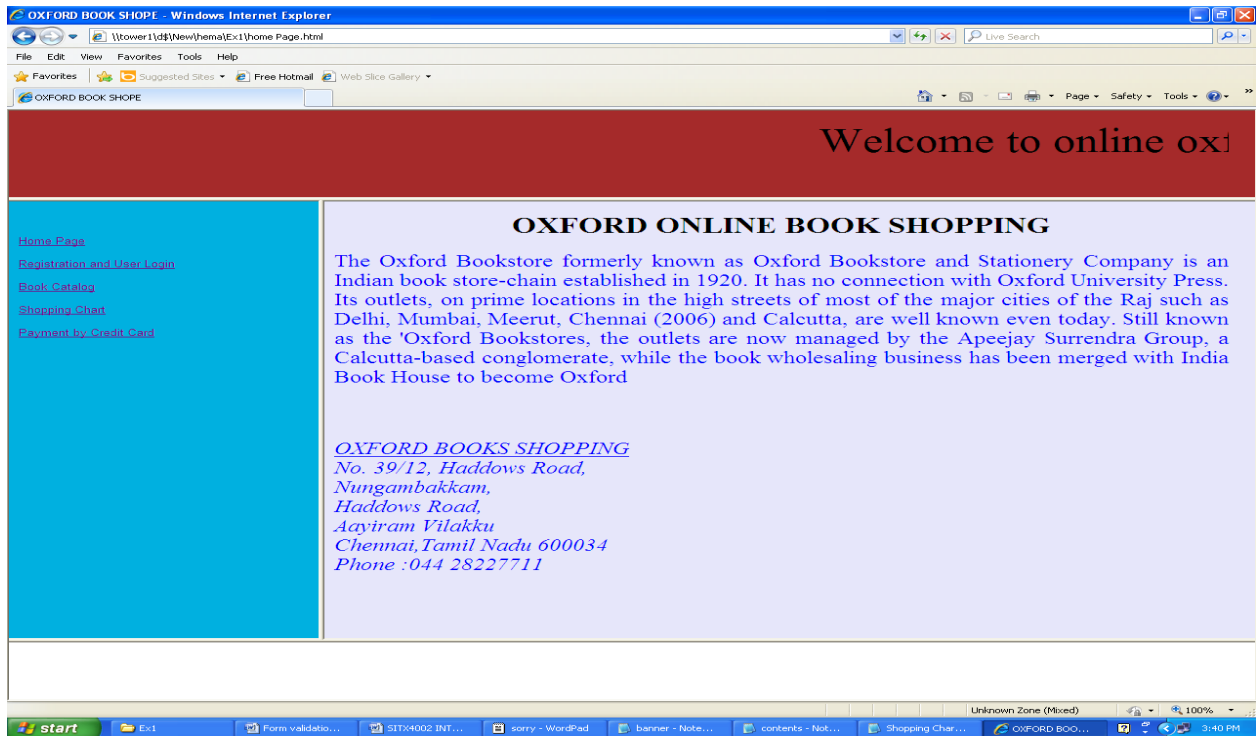
```

</form>

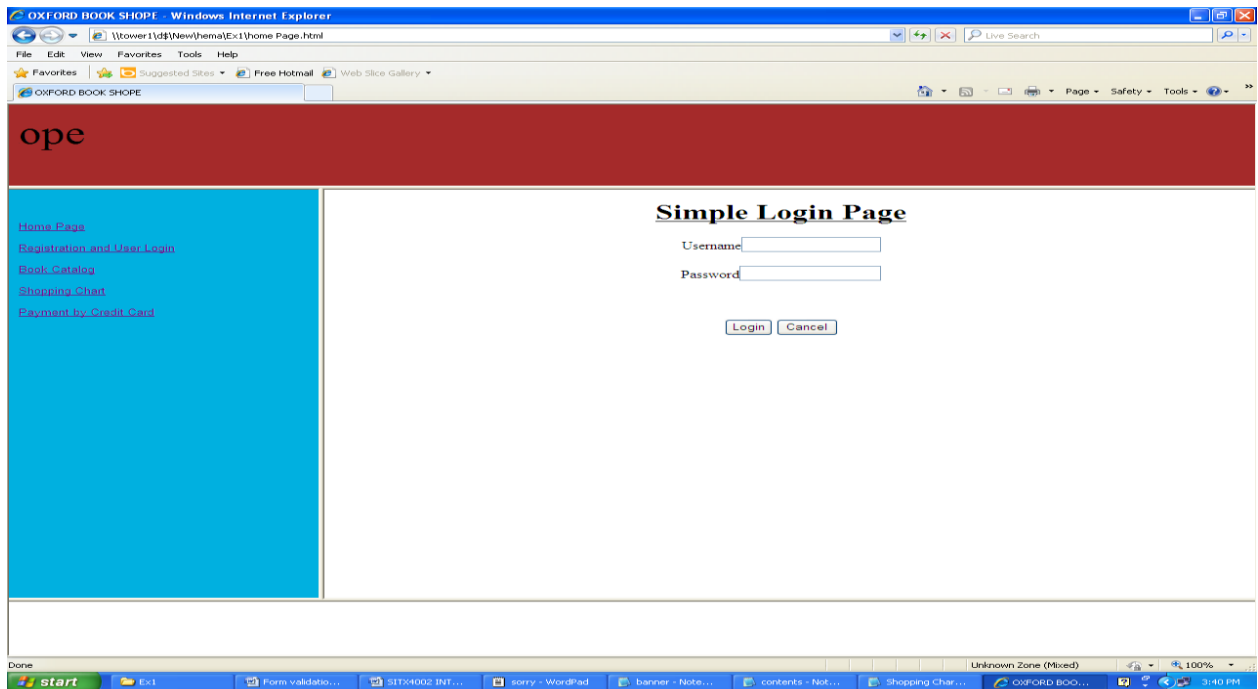
</body>

</html>

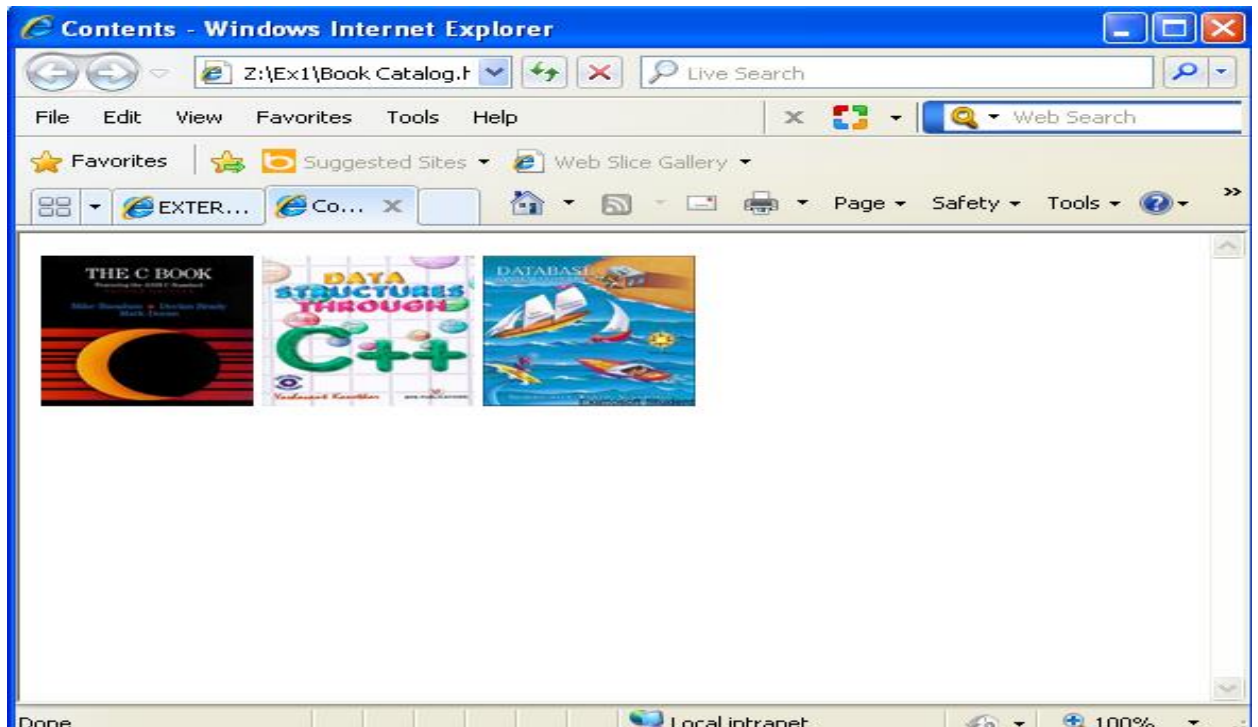
Home Page



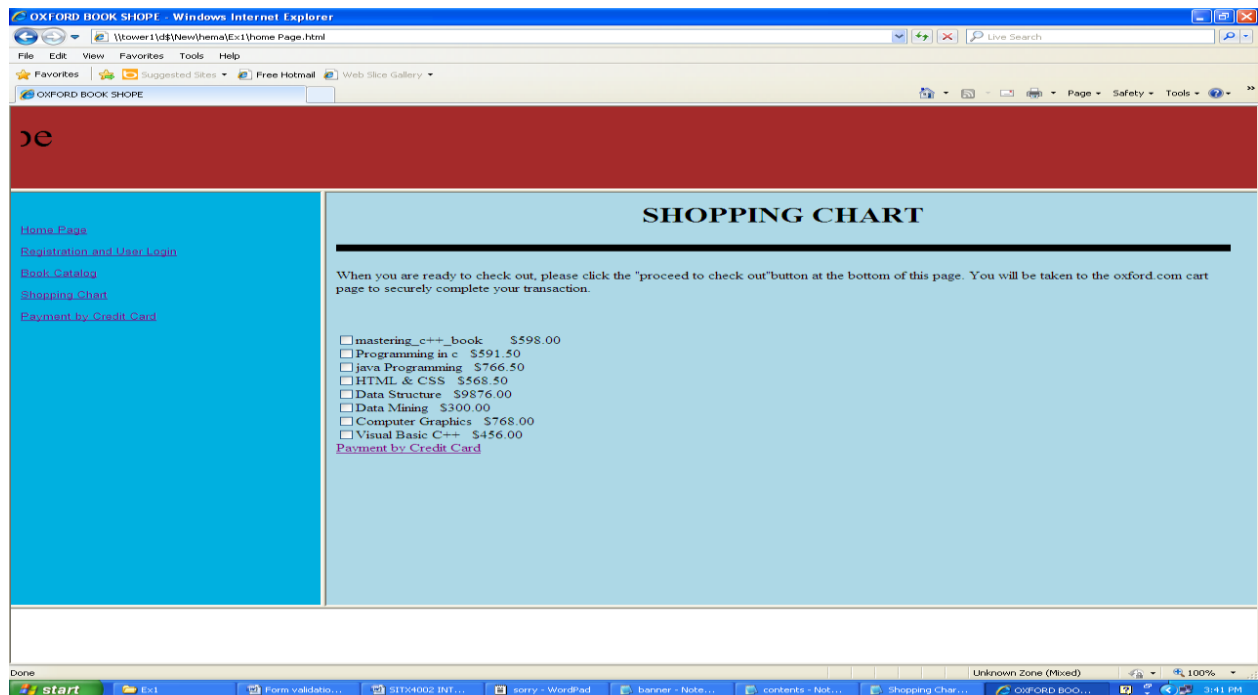
Login Page



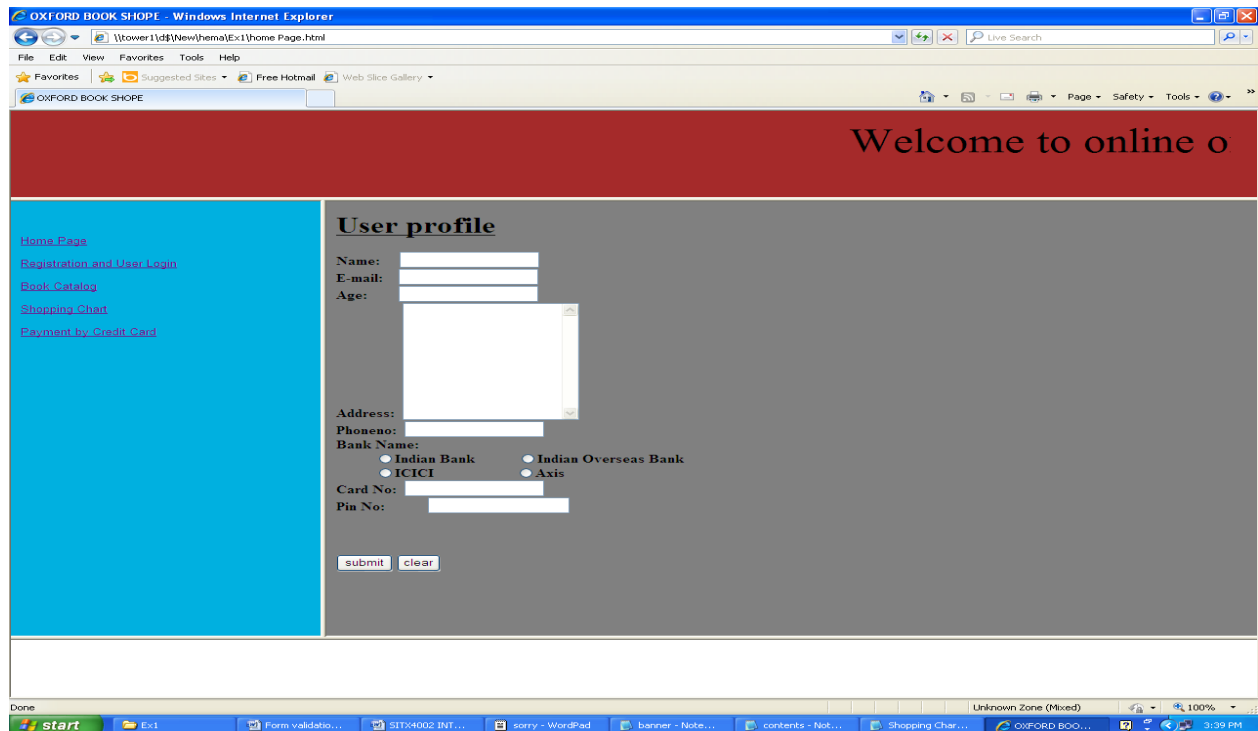
Book Catlog



Shopping Chart



Registration and user profile



Result:

Exercise : 6

XML Document

Aim:

To create a XML document which contains books' details

Books.xml

```
<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="books.xsl"?>
<BOOKS>
<BOOK>
<TITLE>java</TITLE>
<AUTHOR>patrick</AUTHOR>
<PUBLISHER>tata mcgraw hill</PUBLISHER>
<PRICE>530</PRICE>
</BOOK>
```

<BOOK>
<TITLE>asp</TITLE>
<AUTHOR>micheal</AUTHOR>
<PUBLISHER>tech media</PUBLISHER>
<PRICE>450</PRICE>
</BOOK>

<BOOK>
<TITLE>Lost Symbol</TITLE>
<AUTHOR>Dan Brown</AUTHOR>
<PUBLISHER>Book Worms</PUBLISHER>
<PRICE>380</PRICE>
</BOOK>

<BOOK>
<TITLE>XML Complete Reference</TITLE>
<AUTHOR>Heather Williamson</AUTHOR>
<PUBLISHER>tata mcgraw hill</PUBLISHER>
<PRICE>560</PRICE>
</BOOK>

<BOOK>
<TITLE>The Complete Reference HTML</TITLE>
<AUTHOR>Thomas A. Powell</AUTHOR>
<PUBLISHER>Tata McGraw Hill</PUBLISHER>
<PRICE>450</PRICE>
</BOOK>

<BOOK>
<TITLE>Java Script Complete Reference</TITLE>

<AUTHOR>Thomas A. Powell</AUTHOR>
<PUBLISHER>Tata McGraw Hills</PUBLISHER>
<PRICE>390</PRICE>
</BOOK>

<BOOK>
<TITLE>ASP . Net 4 unleashed</TITLE>
<AUTHOR>Stephen Walther</AUTHOR>
<PUBLISHER>Pearson Education</PUBLISHER>
<PRICE>1530</PRICE>
</BOOK>

<BOOK>
<TITLE>Internet and world wide web</TITLE>
<AUTHOR>Deitel</AUTHOR>
<PUBLISHER>Prentice Hall</PUBLISHER>
<PRICE>1000</PRICE>
</BOOK>

<BOOK>
<TITLE>Computer Graphics</TITLE>
<AUTHOR>Donald Hearn</AUTHOR>
<PUBLISHER>Tata McGraw Hill</PUBLISHER>
<PRICE>450</PRICE>
</BOOK>

<BOOK>
<TITLE>Multimedia</TITLE>
<AUTHOR>Tay Vaughan</AUTHOR>
<PUBLISHER>Tata McGraw Hills</PUBLISHER>
<PRICE>300</PRICE>

</BOOK>
</BOOKS>

Result:

Exercise : 7

XML CSS

AIM:-

To implement XML cascading style sheets

companies.xml

```
<?xml version="1.0"?>
<?xml-stylesheet type="text/css" href="catalog.css"?>
<company>
<IT>
<name>wipro</name>
<location>sholliganallur</location>
<city>chennai</city>
<state>tamil nadu</state>
</IT>
<IT>
```

```
<name>TCS</name>
<location>Vadapalani</location>
<city>chennai</city>
<state>tamil nadu</state>
</IT>
<mech>
<name>Brakes India Ltd</name>
<location>Oragadam</location>
<city>Chennai</city>
<state>Tamil Nadu</state>
</mech>
</company>
```

catalog.css

company

```
{
background-color:#aabbcc;
width:100%;
}
```

IT

```
{
display:block;
margin-bottom:30pt;
margin-left:30pt
}
```

name

```
{
color:#678910;
margin-left:20pt;
font-size:18pt
}
```

Location

```
{  
color:#689888;  
margin-left:20pt;  
font-size:18pt  
}
```

city

```
{  
color:#682391;  
margin-left:20pt;  
font-size:18pt  
}
```

state

```
{  
color:#692931;  
margin-left:20pt;  
font-size:18pt;  
}
```

mech

```
{color:#987ccd;  
margin-right:20pt;  
font-size:48;  
}
```

Result:

Exercise : 8**XML WITH EXTENSIBLE STYLE SHEET****AIM:-**

Create and save an XML document at the server, which contains 10 users information. Write a program, which takes User Id as an input and returns the user details by taking the user information from the XML document.

Book.xml

```
<?xml version="1.0"?>
```

```
<?xml-stylesheet type="text/xsl" href="books.xsl"?>
```

```
<BOOKS>
```

```
<BOOK>
```

```
<TITLE>java</TITLE>
```


<AUTHOR>patrick</AUTHOR>
<PUBLISHER>tata mcgraw hill</PUBLISHER>
<PRICE>530</PRICE>
</BOOK>

<BOOK>
<TITLE>asp</TITLE>
<AUTHOR>micheal</AUTHOR>
<PUBLISHER>tech media</PUBLISHER>
<PRICE>450</PRICE>
</BOOK>

<BOOK>
<TITLE>Lost Symbol</TITLE>
<AUTHOR>Dan Brown</AUTHOR>
<PUBLISHER>Book Worms</PUBLISHER>
<PRICE>380</PRICE>
</BOOK>

<BOOK>
<TITLE>XML Complete Reference</TITLE>
<AUTHOR>Heather Williamson</AUTHOR>
<PUBLISHER>tata mcgraw hill</PUBLISHER>
<PRICE>560</PRICE>
</BOOK>

<BOOK>
<TITLE>The Complete Reference HTML</TITLE>
<AUTHOR>Thomas A. Powell</AUTHOR>
<PUBLISHER>Tata McGraw Hill</PUBLISHER>
<PRICE>450</PRICE>

</BOOK>

<BOOK>

<TITLE>Java Script Complete Reference</TITLE>

<AUTHOR>Thomas A. Powell</AUTHOR>

<PUBLISHER>Tata McGraw Hills</PUBLISHER>

<PRICE>390</PRICE>

</BOOK>

<BOOK>

<TITLE>ASP . Net 4 unleashed</TITLE>

<AUTHOR>Stephen Walther</AUTHOR>

<PUBLISHER>Pearson Education</PUBLISHER>

<PRICE>1530</PRICE>

</BOOK>

<BOOK>

<TITLE>Internet and world wide web</TITLE>

<AUTHOR>Deitel</AUTHOR>

<PUBLISHER>Prentice Hall</PUBLISHER>

<PRICE>1000</PRICE>

</BOOK>

<BOOK>

<TITLE>Computer Graphics</TITLE>

<AUTHOR>Donald Hearn</AUTHOR>

<PUBLISHER>Tata McGraw Hill</PUBLISHER>

<PRICE>450</PRICE>

</BOOK>

<BOOK>

<TITLE>Multimedia</TITLE>

<AUTHOR>Tay Vaughan</AUTHOR>

<PUBLISHER>Tata McGraw Hills</PUBLISHER>

<PRICE>300</PRICE>

</BOOK>

</BOOKS>

Books.xsl

<?xml version="1.0"?>

<xsl:stylesheet xmlns:xsl=" http://www.w3.org/1999/XSL/Transform ">

<xsl:template match="/">

<HTML>

<BODY>

<TABLE BORDER="10" BGCOLOR="orange" cellpadding="20" cellspacing="15"
align="center">

<CAPTION>BOOKS DETAILS</CAPTION>

<TR>

<TH>TITLE</TH>

<TH>AUTHOR</TH>

<TH>PUBLISHER</TH>

<TH>PRICE</TH>

</TR>

<xsl:for-each select="BOOKS/BOOK">

<TR>

<TD><xsl:value-of select ="TITLE"/></TD>

<TD><xsl:value-of select ="AUTHOR"/></TD>

<TD><xsl:value-of select ="PUBLISHER"/></TD>

<TD><xsl:value-of select ="PRICE"/></TD>

</TR>

</xsl:for-each>

</TABLE>

</BODY>

</HTML>

</xsl:template>

</xsl:stylesheet>

Output:-



The screenshot shows a web browser window with the title 'BOOKS DETAILS'. Inside the browser, there is a table with four columns: TITLE, AUTHOR, PUBLISHER, and PRICE. The table contains ten rows of book information. The browser's address bar shows the URL '2:\programdata\outbooks.xml', and the status bar at the bottom indicates 'Local intranet'.

TITLE	AUTHOR	PUBLISHER	PRICE
java	patrick	tata mcgraw hill	530
asp	michael	tech mada	450
Lost Symbol	Dan Brown	Book Worms	380
XML Complete Reference	Heather Williamson	tata mcgraw hill	560
The Complete Reference HTML	Thomas A. Powell	Tata McGraw Hill	450
Java Script Complete Reference	Thomas A. Powell	Tata McGraw Hill	390
ASP .Net 4 unadorned	Stephen Walther	Pearson Education	1530
Internet and world wide web	Dorst	Prentice Hall	1000
Computer Graphics	Donald Hearn	Tata McGraw Hill	450
Mathmatics	Tao Vaughan	Tata McGraw Hill	300

Result:

Exercise : 9

DOM PARSER

AIM:

Extracting contents of the XML document using DOM parser

DOM parser.html

```
<html>
  <body>
    <h1>Simple XML Parser using String</h1>
    <div>
      <b>To:</b> <span id="to"></span><br/>
      <b>From:</b> <span id="from"></span><br/>
      <b>Heading:</b> <span id="head"></span><br/>
      <b>Message:</b> <span id="message"></span>
    </div>
    <script type="text/javascript">
      txt="<note>";
      txt=txt+"<to>Balu</to>";
      txt=txt+"<from>Raju</from>";
```

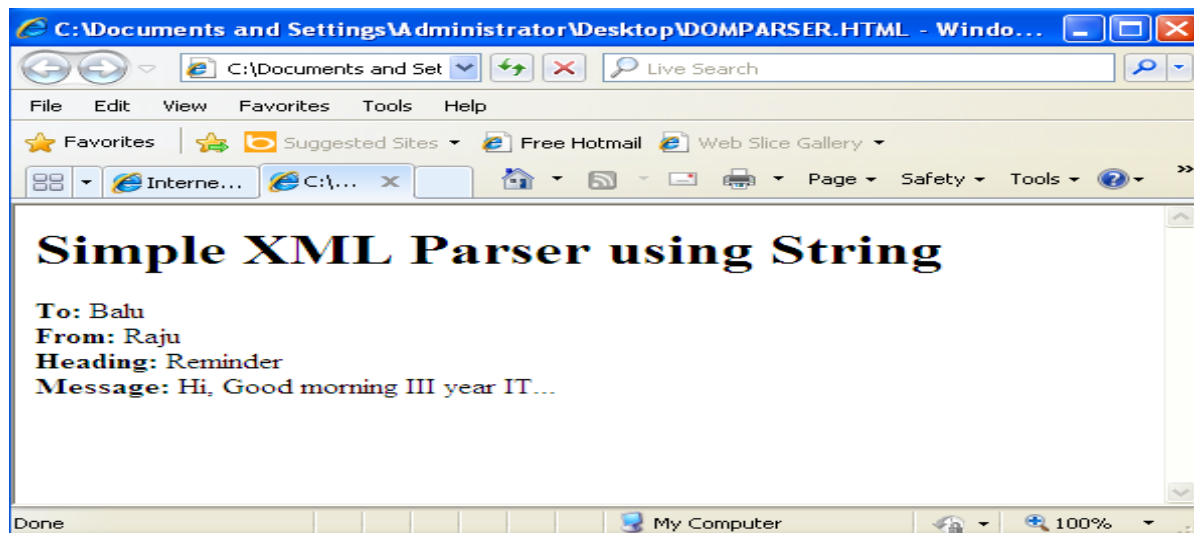
```

        txt=txt+"<heading>Reminder</heading>";
        txt=txt+"<body>Hi, Good morning Ill year IT...</body>";
        txt=txt+"</note>";

if (window.DOMParser)
{
    parser=new DOMParser();
    xmlDoc=parser.parseFromString(txt,"text/xml");
}
else
{
    xmlDoc=new ActiveXObject("Microsoft.XMLDOM");
    xmlDoc.async=false;
    xmlDoc.loadXML(txt);
}
document.getElementById("to").innerHTML=xmlDoc.getElementsByTagName("to")[0].childNodes[0].nodeValue;
document.getElementById("from").innerHTML=xmlDoc.getElementsByTagName("from")[0].childNodes[0].nodeValue;
document.getElementById("head").innerHTML=xmlDoc.getElementsByTagName("heading")[0].childNodes[0].nodeValue;
document.getElementById("message").innerHTML=xmlDoc.getElementsByTagName("body")[0].childNodes[0].nodeValue;
        </script>
    </body>
</html>

```

Output:-



Result:-

Exercise : 10

ACTIVE X COMPONENTS

AIM:-

Using ActiveX Components in server side scripting.

Rotator.asp

```
<html>
<body>
<%
Dim fc
set fc =Server.createObject("MSWC.AdRotator")
call Response.write(fc.GetAdvertisement("config.txt"))
Response.AddHeader"Refresh","5"
%>
```


</body>

</html>

Config.txt

width 400

height 100

border 1

*

a.jpg

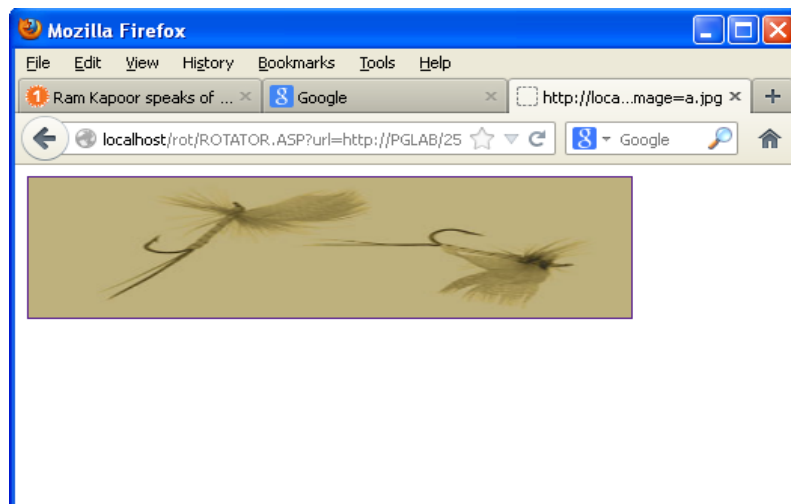
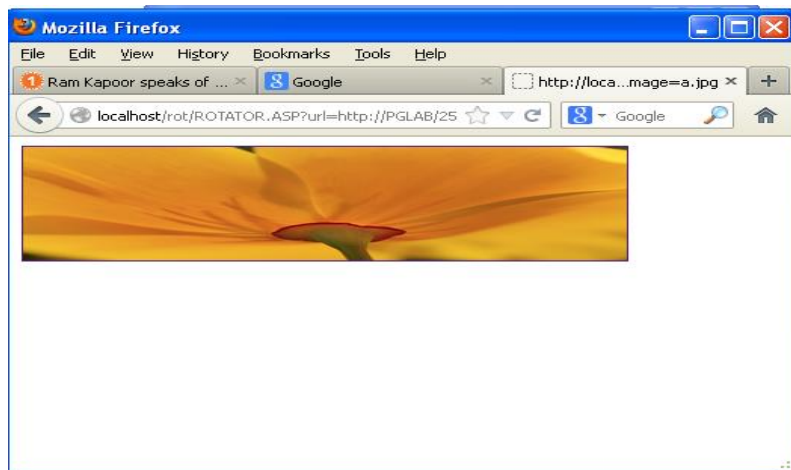
yahoo

10

b.jpg

rediff

10



Result:-

Exercise : 11

Student Information Application Using PHP & Mysql

AIM:

To build a student information application using MYSQL and connect using PHP

ALGORITHM:

1. Insert command buttons, text boxes, labels in the form.
2. Design the form.
3. Now connect with the MYSQL
4. Create a table in MYSQL using create table command.
5. Enter student name, regno, mark1, mark2.
6. Link the MYSQL with PHP connectivity, property by entering server name, username, and password and then select the created table.
7. Now create a report in the PHP to view the data's.
8. Execute the program.

aa.html:

```
<!DOCTYPE HTML>

<html>

<head>

<title>Student Table</title>

</head>

<body>

<div id="dept"> <h3 align=center>Student table entry</h3>

<form method="POST" action="C:/Users/staff/Desktop/connect.php">

SName <br><input type="text" name="sname"><br>

Reg.No <br><input type="text" name="regno"><br>

Mark1<br><input type="text" name="m1"><br>

Mark2<br><input type="text" name="m2"><br>

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

</form>

</div>

</body>

</html>
```

Conn.php:

```
<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "sample";

// Create connection
```

```
$conn = new mysqli($servername, $username, $password,$dbname);

// Check connection
if ($conn->connect_error)
{
    die("Connection failed: " . $conn->connect_error);
}

echo "Connected successfully";

//displaying the contents
$sql="desc student";
if($conn->query($sql)==TRUE)
{
    echo "<br>";

    echo "connected to the table";
}

else
{
    echo "error";
}

//Displaying the contents
echo "<br>";

//insertion from html
$name=$_POST['sname'];
$regno=$_POST['regno'];
$m1=$_POST['m1'];
$m2=$_POST['m2'];
```

```

$sql11="insert into student values('$sname',$regno,$m1,$m2)";

if($conn->query($sql11)==TRUE)
{
    echo "inserted";
}

else
{echo "error";}

echo "<br>";

$sql1="select * from student";

$result = $conn->query($sql1);

if ($result->num_rows > 0) {

    // output data of each row

    echo "<b>Sname Regno M1 M2</b><br>";

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

        echo $row["sname"]." ". $row["regno"]." ". $row["m1"]." ". $row
["m2"]."<br>";

    }

} else {

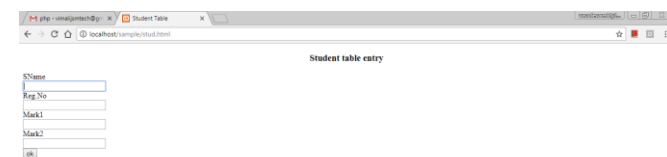
    echo "empty table";

}

$conn->close();

?>

```



Exercise : 12 Employee Information Application Using PHP & Mysql

AIM:

To build a employee detail application using MYSQL and connect using PHP

ALGORITHM:

1. Insert command buttons, text boxes, labels in the form.
2. Design the form.
3. Now connect with the MYSQL
4. Create a table in MYSQL using create table command.
5. Enter department name, department number, managerssn,managerstartdate
6. Link the MYSQL with PHP in MYSQL connectivity, property by entering server name, username, and password and then select the created table.
7. Now create a report in the PHP to view the data's
8. Execute the program

aa1.html:

```
<!DOCTYPE HTML>

<html>

<head>

<title>Department Table</title>

</head>

<body>

<div id="dept"> <h3 align=center>Department table entry</h3>

<form method="POST" action="C:/Users/staff/Desktop/connect1.php">

DName <br><input type="text" name="dname"><br>

Department number<br><input type="text" name="dnumber"><br>

MGR SSN<br><input type="text" name="mgrssn"><br>

MGR start Date<br><input type="text" name="mgrstartdate"><br>

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

</form>

</div>
```

```
</body>
```

```
</html>
```

Connect1.php:

```
<?php
```

```
$servername = "localhost";
```

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

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

```
$dbname = "sample";
```

```
// Create connection
```

```
$conn = new mysqli($servername, $username, $password,$dbname);
```

```
// Check connection
```

```
if ($conn->connect_error)
```

```
{
```

```
    die("Connection failed: " . $conn->connect_error);
```

```
}
```

```
echo "Connected successfully";
```

```
//displaying the contents
```

```
$sql="desc department1";
```

```
if($conn->query($sql)==TRUE)
```

```
{
```



```
echo "<br>";

echo "connected to the table";

}

else

{

echo "error";

}

//Displaying the contents

echo "<br>";

//insertion from html

$dname=$_POST['dname'];

$dnumber=$_POST['dnumber'];

$mgrssn=$_POST['mgrssn'];

$mgrstartdate=$_POST['mgrstartdate'];

$sql11="insert into department1 values('$dname',$dnumber,$mgrssn,'$mgrstartdate')";

if($conn->query($sql11)==TRUE)

{

echo "inserted";

}

else

{echo "error";}

echo "<br>";

$sql1="select * from department1";

$result = $conn->query($sql1);

if ($result->num_rows > 0) {
```

```

// output data of each row

echo "<b>DName Dno Mgrssn mgrstartstate</b><br>";

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

    echo $row["DNAME"]." ". $row["DNUMBER"]." ". $row["MGRSSN"]." ". $row

["MGRSTARTDATE"]." <br>";

}

} else {

    echo "empty table";

}

$conn->close();

?>

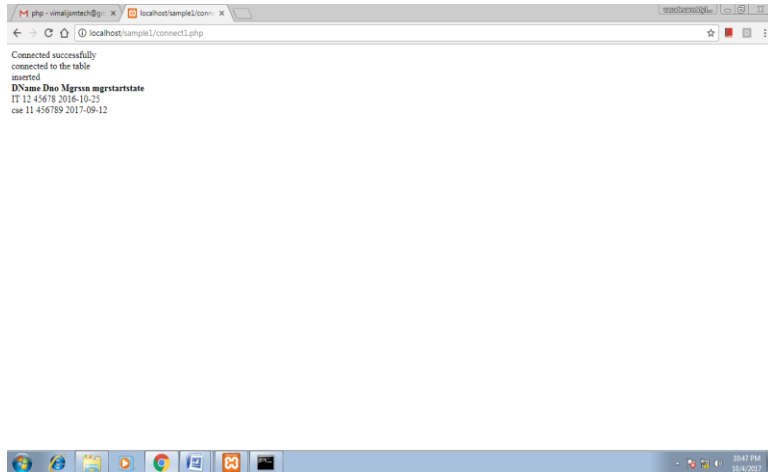
```



The screenshot shows a web browser window with the address bar displaying 'localhost/sample1/employee.php'. The page title is 'Department table entry'. Below the title, there is a form with the following fields:

- DName:
- Department number:
- MGR SSN:
- MGR start Date:
- ok:





1. Develop a static page using any 10 basic HTML elements.[Tags – Heading, Table, Marquee, Image, Style elements, etc.,]
2. Develop static pages (using Only HTML) of an online Book store. The website should contain the following pages.
 - a. Home page b. Registration and user Login c. User Profile Page d. Books catalog e. Shopping Cart f. Payment By credit card g. Order Conformation
3. Mapping image on client side
4. Add a Cascading Style sheet (All types) for designing the web page.
5. Validate the Registration, user login, user profile and payment by credit card pages using JavaScript.
6. XML Document
7. Extracting contents of the XML document using CSS
8. Extracting contents of the XML document using XSLT
9. Extracting contents of the XML document using DOM parser
10. Mapping image on server side
11. Create dynamic pages with database and server side scripting for Student application
12. Create dynamic pages with database and server side scripting for any application