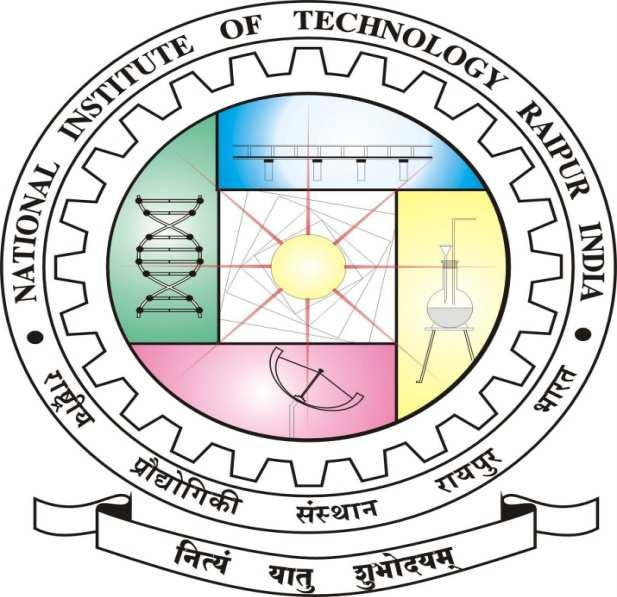
**National Institute Of Technology Raipur**

**INTERNET & WEB TECHNOLOGIES**

**LAB RECORD**



**DEPARTMENT OF INFORMATION TECHNOLOGY**

**National Institute of Technology Raipur**

|  |  |
| --- | --- |
| Name | ROHIT AGARWAL |
| Branch & Semester | IT / 6th SEM |
| Roll. No. | 15118055 |

**1. Create a HTML static web page which shows the use of different tags.**

**Sol:** **:**<!DOCTYPE html>

<html>

<head>

<title>basic HTML tags</title>

</head>

<body>

<h1>My First <i>HTML</i> program</h1>

<h2>This is heading 2</h2>

<h3>This is heading 3</h3>

<p>My first paragraph followed by line break.<br> and some random text</p>

<p>This is a paragraph followed by horizontal rule!</p>

<hr>

<h1>HTML</h1>

<p style="color:red">Welcome to NITRR.</p>

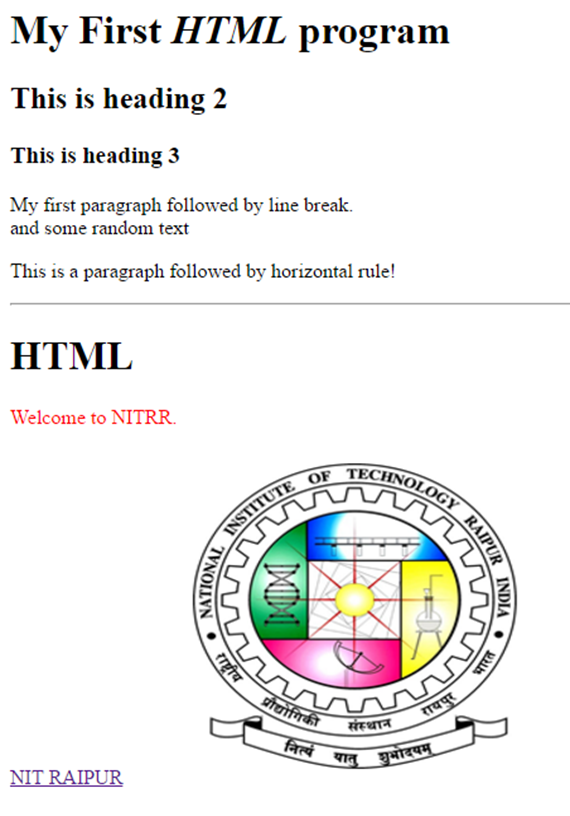
<a href="https://www.nitrr.ac.in/">NIT RAIPUR</a>

<img src="C:\Users\Vikas\Desktop\quora\Capture1.PNG" alt="nitrr logo" width="351" height="263">

</body>

</html>

**OUTPUT –**



**2. Create a HTML page using TABLE tag.**

**Sol:** <!DOCTYPE HTML>

<html>

<head>

<style>

table,th,td{

border:1px solid black;

border-collapse:collapse;

padding:8px;}

</style>

</head>

<body>

<p style="text-align:center"> STUDENT INFORMATION</p>

<p style="text-align: center">

<table >

<tr>

<th> student name </th>

<th>father name </th>

<th> marks </th>

</tr>

<tr>

<td> saijahnavi </td>

<td>praveen kumar </td>

<td> 90</td>

<tr>

<tr>

<td> shivani </td>

<td> ramesh </td>

<td> 90</td>

</tr>

<tr>

<td> sailaja </td>

<td> anjaneyulu </td>

<td> 90 </td>

</tr>

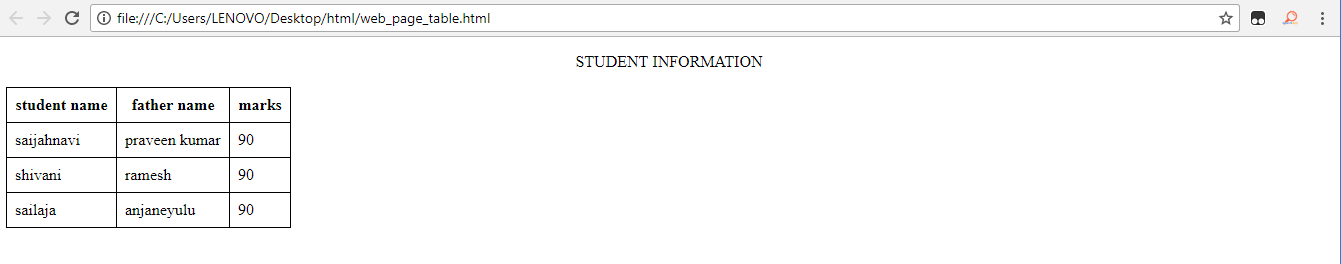
</table>

</p>

</body>

</html>

**OUTPUT:**



**3. Create a framed HTML page using FRAMESET tag.**

**Sol:**

<!DOCTYPE html>

<html>

<frameset cols="25%,50%,25%">

<frame src="https://mail.google.com/mail/u/1/#inbox">

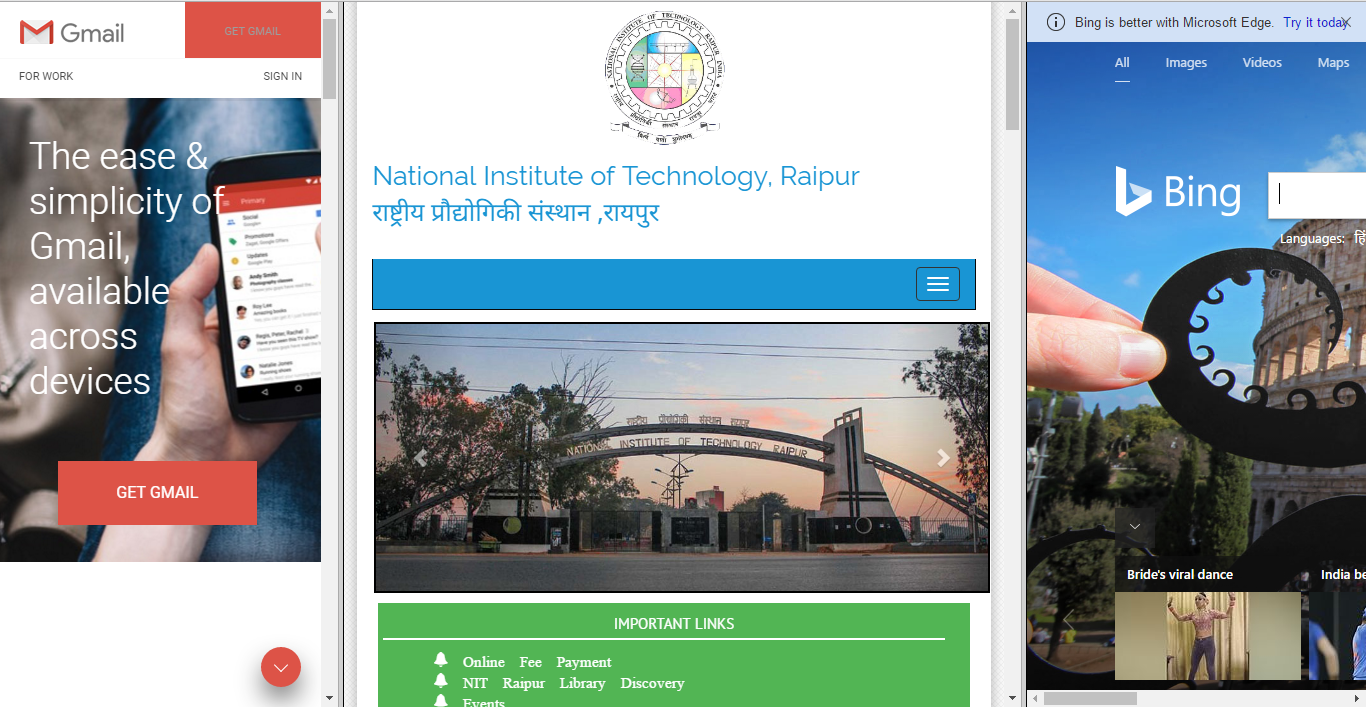
<frame src="http://www.nitrr.ac.in">

<frame src="https://www.bing.com">

</frameset>

</html>

**Output:**



**4. Create a webpage with the following using HTML**

* 1. **To embed an image in web page.**
  2. **To fix the hot spots.**
  3. **Show all the related information when a hotspot is clicked in the map.**

**Sol :**

<!doctype html>

<html>

<body>

<h1 align="center"> solar system</h1>

<p style="text-align:center">

<img src="solarsystem2.jpeg"usemap="#planet"></p>

<map name="planet">

<area shape="rect" coords="0,0,116,430" href="sun.html">

<area shape="circle" coords="167,272,12" href="mercury.html">

<area shape="circle" coords="244,273,24" href="venus.html">

<area shape="circle" coords="336,268,32" href="earth.html">

</map>

<p>click on planets for clear view of each planet</p>

</body>

</html>

**HTML CODE FOR sun.html:**

<!doctype html>

<html>

<body>

<h1> THE SUN </h1>

<p style=" text-align:center"> <img src="sun.jpg" height= "500" width="500"></p>

</body>

</html>

**HTML CODE FOR mercury.html:**

<!doctype html>

<html>

<body>

<h1> mercury</h1>

<p style=" text-align:center"> <img src="mercury.jpg" ></p>

</body>

</html>

**HTML CODE FOR venus.html**

<!doctype html>

<html>

<body>

<h1>venus</h1>

<p style=" text-align:center"> <img src="venus.jpg" ></p>

</body>

</html>

**HTML CODE FOR earth.html**

<!doctype html>

<html>

<body>

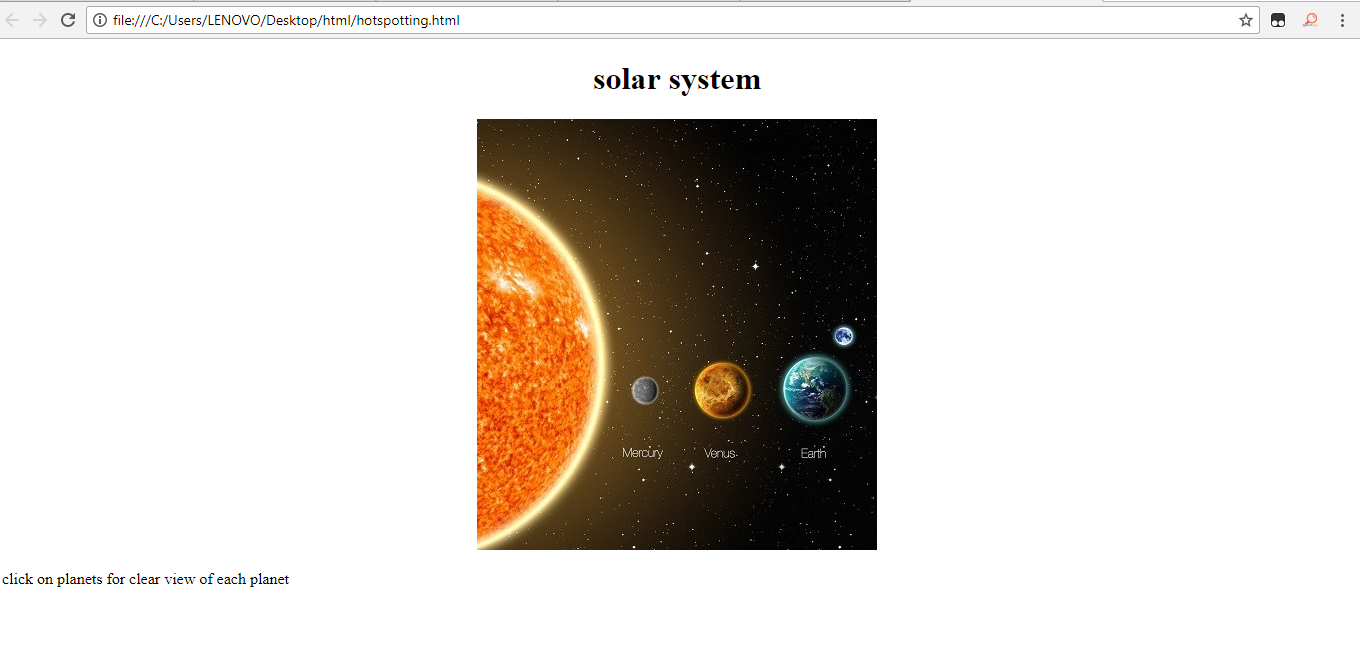
<h1> earth</h1>

<p style=" text-align:center"> <img src="earth-01.jpg" height="200" width="200" ></p>

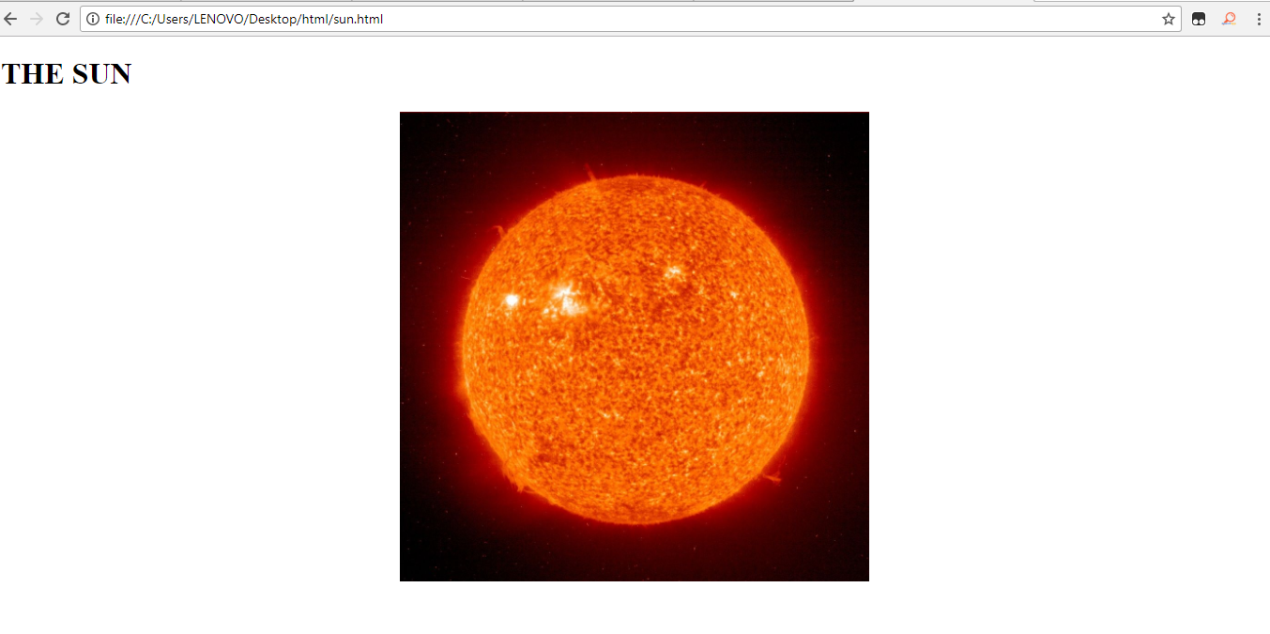
</body>

</html>

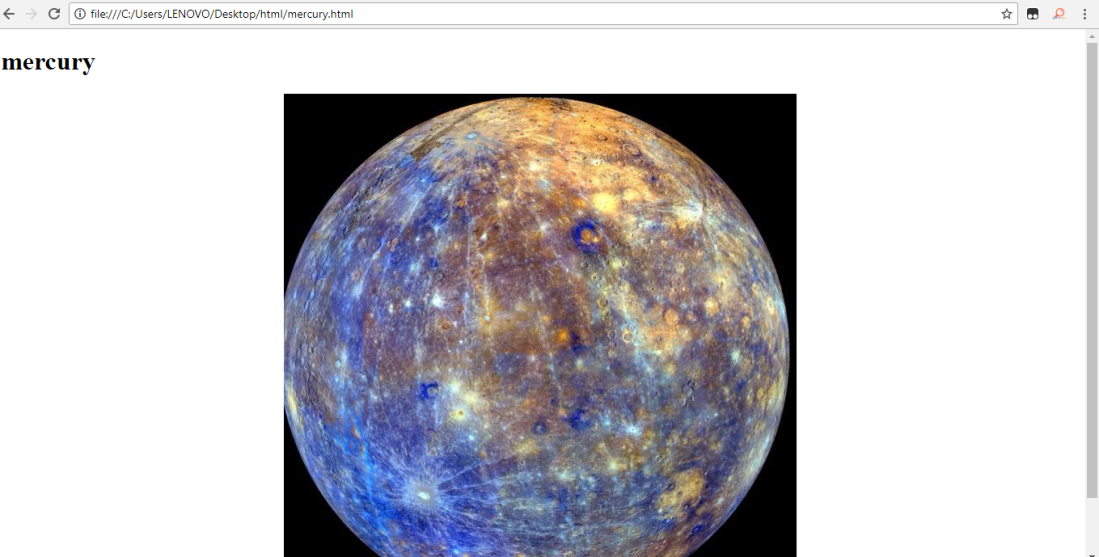
**OUTPUT:**

****

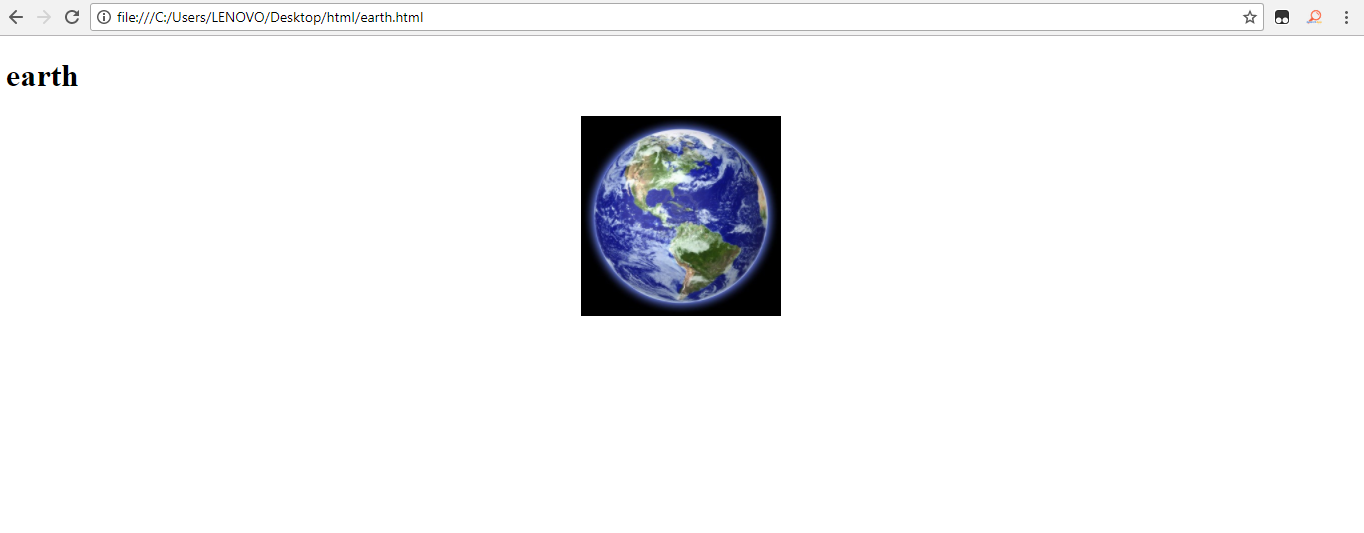
**When we click on the sun we will get the following output:**

****

**When we click on mercury we will get following output:**

****

**when we click on the earth we will get the following output:**

****

**5. Develop a program for validating web form control using DHTML.**

**Sol:**

<html>

<head>

<title>College Form</title>

<style type="text/css">

#Layer1 {

position:absolute;

width:1047px;

height:792px;

z-index:1;

left: 103px;

top: 80px;

}

.style1 {

color: #000099;

font-weight: bold;

background-color:#00CCFF;

}

.style2 {

color: #000099;

font-weight: bold;

background-color:#00CCFF;

}

#Layer2 {

position:absolute;

width:1040px;

height:49px;

z-index:2;

left: 59px;

top: 9px;

}

.style3 {

color: #006666;

font-weight: bold;

background-color:#E0D2F0;

}

body{

background-color:#00FF00;

}

</style>

<script type="text/javascript">

function validation()

{

if(document.validate.name.value=="")

{

alert("enter the full name")

document.validate.name.focus();

return false

}

if(!isNaN(document.validate.name.value))

{

alert("enter the valid name");

document.validate.name.focus();

document.validate.name.value="";

return false

}

if(document.validate.day.value=="0")

{

alert("enter the day")

document.validate.day.focus();

return false

}

if(document.validate.month.value=="0")

{

alert("enter the month")

document.validate.month.focus();

return false

}

if(document.validate.year.value=="0")

{

alert("enter the year")

document.validate.year.focus();

return false

}

if(document.validate.gender.value=="0")

{

alert("enter the gender")

document.validate.gender.focus();

return false

}

if(document.validate.address.value=="")

{

alert("enter the address")

document.validate.address.focus();

return false

}

if(document.validate.city.value=="")

{

alert("enter the city")

document.validate.city.focus();

return false

}

if(!isNaN(document.validate.city.value))

{

alert("enter the valid City")

document.validate.city.focus();

document.validate.city.value="";

return false

}

if(document.validate.state.value=="")

{

alert("enter the state")

document.validate.state.focus();

return false

}

if(!isNaN(document.validate.state.value))

{

alert("enter the valid state")

document.validate.state.focus();

document.validate.state.value="";

return false

}

if(document.validate.pincode.value=="")

{

alert("enter the pincode ")

document.validate.pincode.focus();

return false

}

if( isNaN(document.validate.pincode.value))

{

alert("enter a valid pincode")

document.validate.pincode.focus();

return false

}

if(document.validate.pincode.value.length!=6)

{

alert("please enter the valid pincode")

document.validate.pincode.focus();

return false

}

if(document.validate.address.value=="")

{

alert("enter the address")

document.validate.address.focus();

return false

}

if(document.validate.email.value=="")

{

alert("enter the email id")

document.validate.email.focus();

return false

}

if(!(document.validate.email.value==""))

{

var x=document.validate.email.value

var atpos=x.indexOf("@");

var dotpos=x.lastIndexOf(".");

if (atpos<1 || dotpos<atpos+2 || dotpos+2>=x.length)

{

alert("Not a valid e-mail address");

document.validate.email.focus();

return false;

}

}

if(document.validate.mobile.value=="")

{

alert("enter the mobile no")

document.validate.mobile.focus();

return false

}

if( isNaN(document.validate.mobile.value))

{

alert("enter a valid mobile no")

document.validate.mobile.focus();

document.validate.mobile.value="";

return false

}

if(document.validate.mobile.value.length !=10)

{

alert("enter the valid mobile no")

document.validate.mobile.focus();

document.validate.mobile.select();

return false

}

}

</script>

</head>

<body>

<div id="Layer1">

<form id="validate" name="validate" method="post" action="">

<p>&nbsp;</p>

<table width="886" border="0" cellspacing="2" cellpadding="2">

<tr>

<td ><div align="center" class="style1">Personal Details </div></td>

<td width="30" rowspan="10">&nbsp;</td>

</tr>

<tr>

<td width="111">Full Name</td>

<td width="255"><label>

<input name="name" type="text" id="name" />

</label></td>

</tr>

<tr>

<td>Date of Birth </td>

<td><select name="day">

<option value="0">Day</option>

<option value="1">1</option>

<option value="2">2</option>

<option value="3">3</option>

<option value="4">4</option>

<option value="5">5</option>

<option value="6">6</option>

<option value="7">7</option>

<option value="8">8</option>

<option value="9">9</option>

<option value="10">10</option>

<option value="11">11</option>

<option value="12">12</option>

<option value="13">13</option>

<option value="14">14</option>

<option value="15">15</option>

<option value="16">16</option>

<option value="17">17</option>

<option value="18">18</option>

<option value="19">19</option>

<option value="20">20</option>

<option value="21">21</option>

<option value="22">22</option>

<option value="23">23</option>

<option value="24">24</option>

<option value="25">25</option>

<option value="26">26</option>

<option value="27">27</option>

<option value="28">28</option>

<option value="29">29</option>

<option value="30">30</option>

<option value="31">31</option>

</select>

<select name="month">

<option value="0">Month</option>

<option value="1">Janauray</option>

<option value="2">Feburary</option>

<option value="3">March</option>

<option value="4">April</option>

<option value="5">May</option>

<option value="6">June</option>

<option value="7">July</option>

<option value="8">August</option>

<option value="9">Sepetember</option>

<option value="10">October</option>

<option value="11">November</option>

<option value="12">December</option>

</select>

<select name="year">

<option value="0">Year</option>

<option value="1">2009</option>

<option value="2">2008</option>

<option value="3">2007</option>

<option value="4">2006</option>

<option value="5">2005</option>

<option value="6">2004</option>

<option value="7">2003</option>

<option value="8">2002</option>

<option value="9">2001</option>

<option value="10">2000</option>

<option value="11">1999</option>

<option value="12">1998</option>

<option value="13">1997</option>

<option value="14">1996</option>

<option value="15">1997</option>

<option value="16">1996</option>

<option value="17">1995</option>

<option value="18">1994</option>

<option value="19">1993</option>

<option value="20">1992</option>

<option value="21">1991</option>

<option value="22">1990</option>

<option value="23">1989</option>

<option value="24">1988</option>

<option value="25">1987</option>

<option value="26">1986</option>

<option value="27">1985</option>

<option value="28">1984</option>

<option value="29">1983</option>

<option value="30">1982</option>

<option value="31">1981</option>

<option value="32">1980</option>

</select></td>

</tr>

<tr>

<td height="70">Sex</td>

<td><select name="gender" id="gender" >

<option value="0">Select Gender</option>

<option value="1">Male</option>

<option value="2">Female</option>

</select></td>

</tr>

<tr>

<td>Address</td>

<td><label>

<textarea name="address" id="address"></textarea>

</label></td>

</tr>

<tr>

<td>City</td>

<td><label>

<input name="city" type="text" id="city" />

</label></td>

<td colspan="2" rowspan="5">&nbsp;</td>

</tr>

<tr>

<td>State</td>

<td><label>

<input name="state" type="text" id="state" />

</label></td>

</tr>

<tr>

<td>PinCode</td>

<td><label>

<input name="pincode" type="text" id="pincode" />

</label></td>

</tr>

<tr>

<td>Email ID</td>

<td><label>

<input name="email" type="text" id="email" />

</label></td>

</tr>

<tr>

<td>Mobile Number</td>

<td><label>

<input name="mobile" type="text" id="mobile" />

</label></td>

</tr>

<tr>

<td colspan="5"><label>

<div align="center">

<input type="submit" name="Submit" value="Submit" onclick="return validation()" />

<label>

<input type="reset" name="Submit2" value="Reset" />

</label>

</div>

</label></td>

</tr>

</table>

</form>

</div>

<div id="Layer2">

<div align="center">

<h1 class="style3">Student Registration Form </h1>

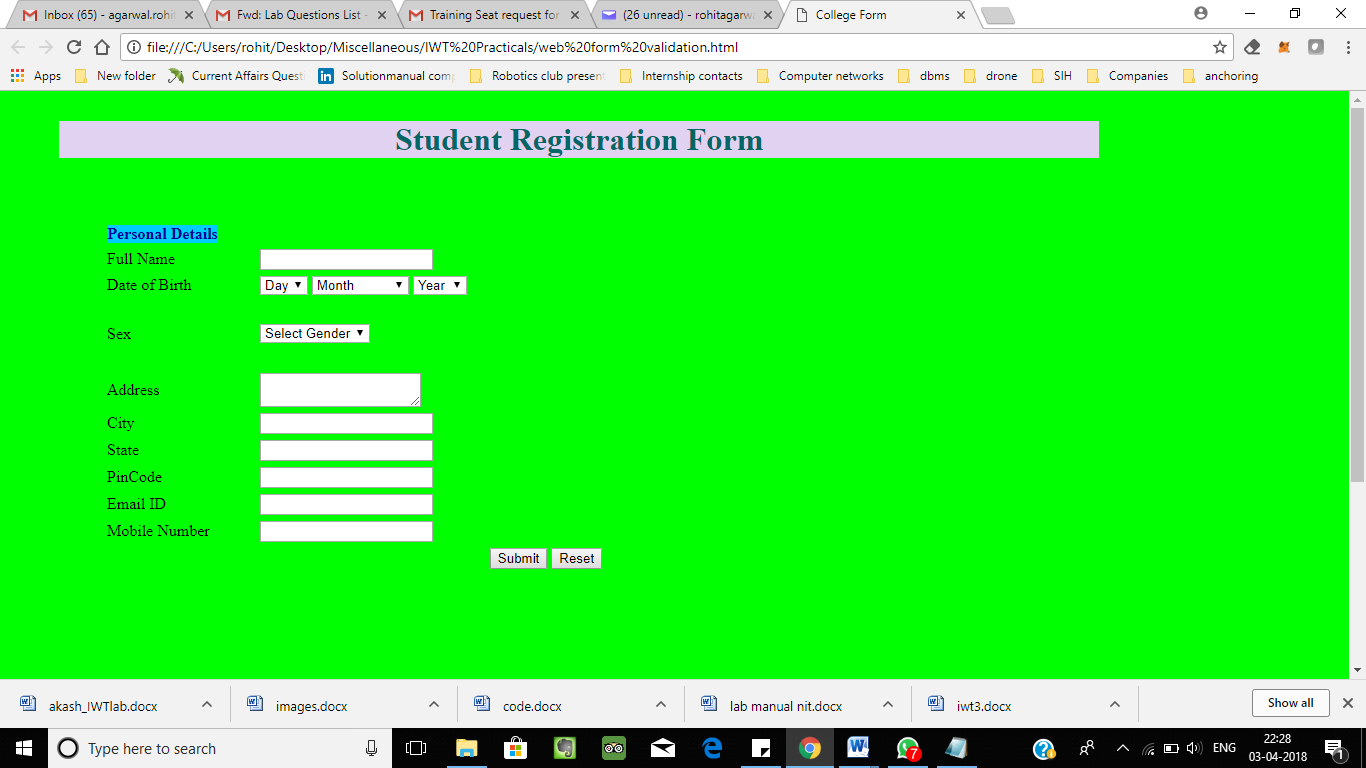
</div>

</div>

</body>

</html>

**OUTPUT :**



**6. Create a DHTML form for the dynamic use of records in a web form.**

**Sol :**

<!DOCTYPE html>

<html>

<body>

<h1> Student Registeration</h1>

<form>

First name:<br>

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

Last name:<br>

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

<hr>

Gender:<br>

<input type="radio" name="gender" value="male" checked> Male<br>

<input type="radio" name="gender" value="female"> Female<br>

<input type="radio" name="gender" value="other"> Other<br>

<hr>

Branch:<br>

<select name="Branch">

<option value="CS">CS</option>

<option value="IT">IT</option>

<option value="META">META</option>

<option value="ELEX">ELEX</option>

</select>

<hr>

Courses:<br>

<select name="Courses" multiple>

<option value="CD">CD</option>

<option value="SE">SE</option>

<option value="IWT">IWT</option>

<option value="ITC">ITC</option>

<option value="MC">MC</option>

<option value="NNFL">NNFL</option>

</select>

<br><br>

<input type="submit">

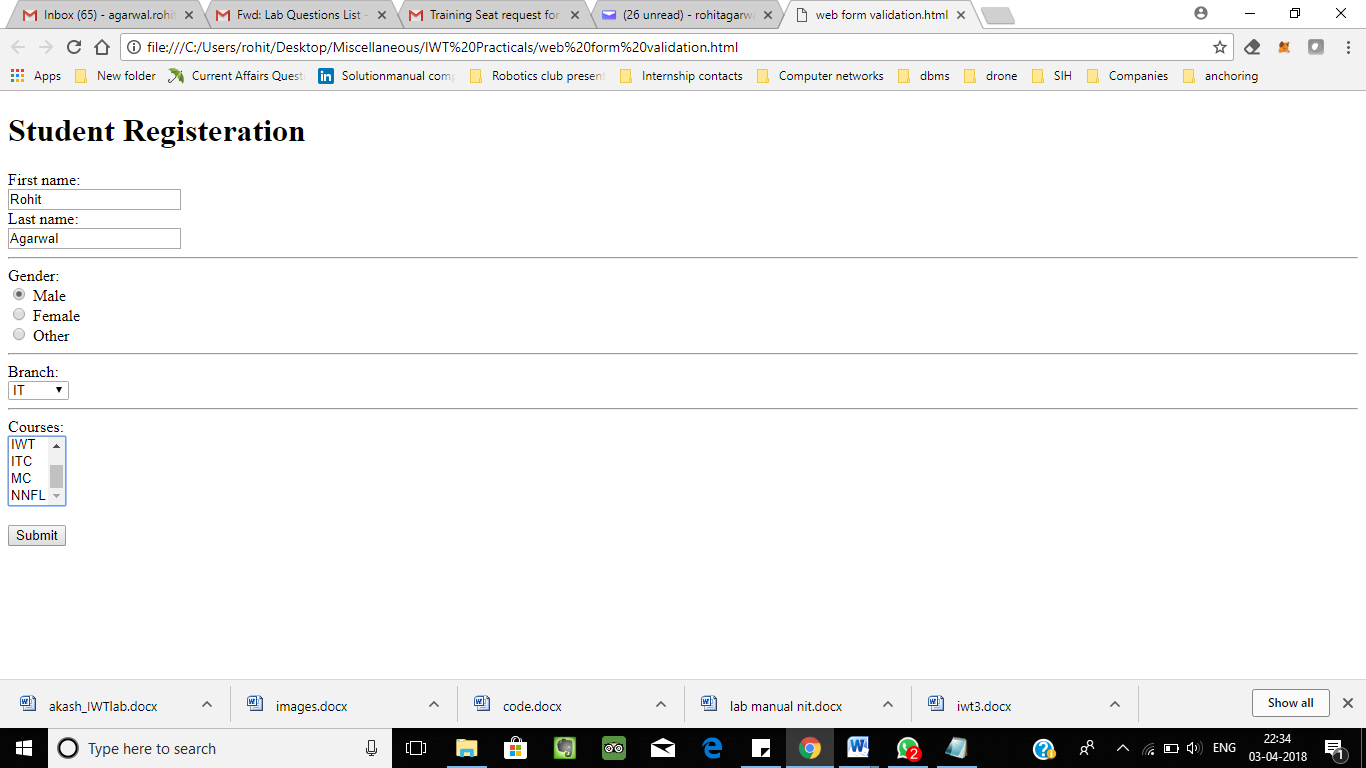
</select>

</form>

</body>

</html>

**OUTPUT :**



**7. Create the registration form using HTML and create the CSS file and implement the CSS with HTML.**

**Sol :**

<!DOCTYPE html>

<html>

<head>

<title>form</title>

<style>

input[type=text], select ,input[type=date],input[type=email]{

width: 100%;

padding: 12px 20px;

margin: 8px 0;

display: inline-block;

border: 1px solid #ccc;

border-radius: 4px;

box-sizing: border-box;

border: 2px solid black;

}

input[type=submit] {

width: 50%;

background-color: pink;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;

}

input[type=submit]:hover {

background-color: #45a049;

}

</style>

</head>

<body >

<form action="">

<center>

<h1><b>Sign Up Form</b></h1>

<table>

<tr>

<td><b>FirstName:</b><br><input type="text" name="fname" placeholder="Enter Your FirstName"

</td>

<td Style="padding-left:80px;"><b>LastName:</b><br><input type="text" name="lname" placeholder="Enter Your LastName"></td>

</tr>

<tr>

<td><b>MobileNo:</b><br><input type="text" name="mobile" placeholder="Enter Your mobileNo"></td>

<td Style="padding-left:80px;"><b>Date Of Birth:</b><br><input type="date" name="dob" placeholder="Enter Date Of Birth"></td>

</tr>

<tr>

<td><b>Email:</b><br><input type="email" name="name" placeholder="Enter Email"></td>

<td Style="padding-left:80px;"><b>Address:</b><br><input type="text" name="name" placeholder="Enter Address" ></td>

</tr>

<tr>

<td><b>FatherName:</b><br><input type="text" name="fname" placeholder="Father Name"></td>

<td Style="padding-left:80px;"><b>MotherName:</b><br><input type="text" name="mname" placeholder="MotherName"></td>

</tr>

<tr>

<td><b>Gender:</b><br><input type="radio" value="Male" name="male">Male

<input type="radio" value="Female" name="female">Female

<input type="radio" value="othe" name="other">other

</td>

</tr>

<tr>

<td Style="padding-center:80px; float:righ"><input type="submit" value="submit"></td>

<td Style="padding-center:80px; float:center"><input type="submit" value="Sign in"></td>

</tr>

</table>

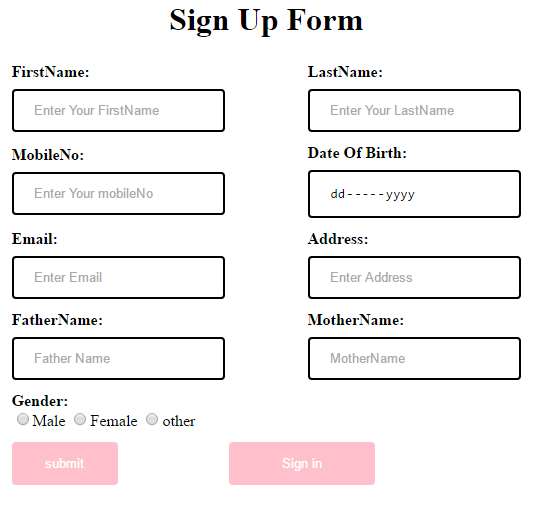
</center>

</form>

</body>

</html>

**Output:**



**8. Design a webpage using CSS which includes the following:**

* 1. **Use different font styles.**
  2. **Set background image for both the page and single elements on page.**
  3. **Control the repetition of image with background-repeat property.**
  4. **Define style for links as a:link, a:active, a:hover, a:visited.**
  5. **Add customized cursors for links.**
  6. **Work with layers.**

**Sol :**

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="reg.css">

<script type="text/javascript">

function Validate(){

var email=document.getElementById('email');

var filter = /^([a-zA-Z0-9\_\.\-])+\@(([a-zA-Z0-9\-])+\.)+([a-zA-Z0-9]{2,4})+$/;

if (!filter.test(email.value)) {

alert('Please provide a valid email address');

email.focus;

return false;

}

var mobno=document.getElementById('mobno');

var filter1 = /^\d{10}$$/;

if(!filter1.test(mobno.value)){

alert('Please provide a valid mobile number');

mobno.focus;

return false;

}

var password=document.getElementById('password');

var filter2 = /^(?=.\*\d)(?=.\*[a-z])(?=.\*[A-Z])\w{6,}$/;

if (!filter2.test(password.value)){

alert('Password should contain atleast one uppercase, lowercase, digit, special character and should be more than 8 characters long');

password.focus;

return false;

}

var firstpassword=document.getElementById('password');

var secondpassword=document.getElementById('confirmpassword');

if(firstpassword!=secondpassword){

alert("password must be same!");

return false;

}

}

</script>

<style>

/\* Full-width input fields \*/

input[type=text], input[type=password] {

width: 20%;

height: 25px;

padding: 5px;

margin: 5px ;

display: inline-block;

border: none;

background: #f1f1f1;

}

/\* Set a style for all buttons \*/

button {

background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 5px;

border: none;

cursor: pointer;

width: 20%;

}

body {

background-image: url("b.jpg");

background-repeat: no-repeat;

background-size: cover;

margin-left: 40%;

margin-top: 10%

margin-right: 20%

}

div{

font-family:"Apple Chancery", cursive

}

a:link {

color: red;

}

/\* visited link \*/

a:visited {

color: green;

}

/\* mouse over link \*/

a:hover {

color: black;

}

/\* selected link \*/

a:active {

color: blue;

}

img {

position: absolute;

left: 40%;

top: 10%;

z-index: -1;

}

#exm{

background: url("c.jpg");

}

</style>

</head>

<body>

<img src="f.png" width="100" height="100"/>

<p><b>Because the image has a z-index of -1, it will be placed behind the heading.</b></p>

<h1><div> Registeration Form</div></h1>

<b><div id="exm">

<form>

Name:

<input type="text" id="name" placeholder="Name" required><br>

Username:

<input type="text" id="username" placeholder="Username" required><br>

Password:

<input type="password" id="password" placeholder="Password" required><br>

Confirm Password:

<input type="password" id="confirmpassword" placeholder="Password" required><br>

Email:

<input type="text" id="email" placeholder="myemail@email.com" required><br>

Mobile Number:

<input type="text" id="mobno" placeholder="mobno" required><br>

<button type="submit" name="Submit" class="btn btn-primary" onclick="Validate()">Submit</button><br>

<a href="www.google.com">Google</a>

</select>

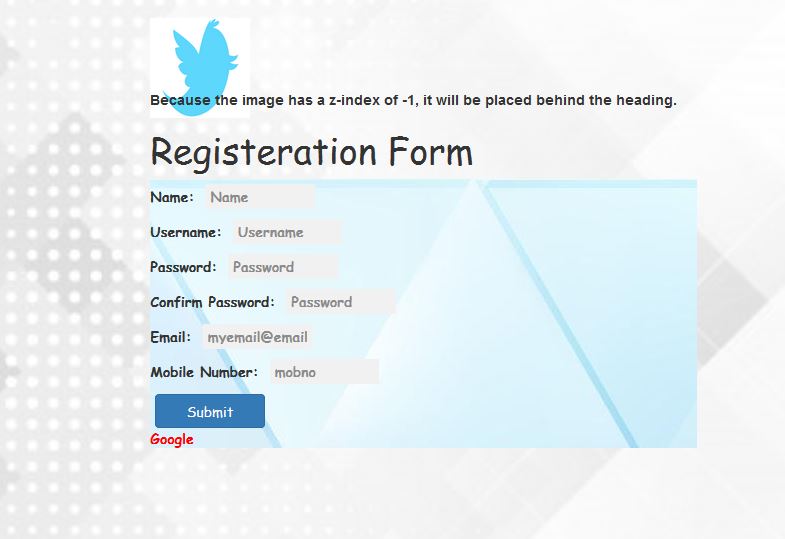
</form></div1>

</b>

</body>

</html>

**OUTPUT :**



**9. Write a program to show blinking effect on web page using java script.**

**Sol :**

<!DOCTYPE html>

<html>

<head>

<script type="text/javascript">

var x;

function changecolors() {

x=1;

setInterval(change, 500);

}

function change() {

if (x === 1) {

color = "red";

x = 2;

} else {

color = "green";

x = 1;

}

document.body.style.background = color;

}

</script>

</head>

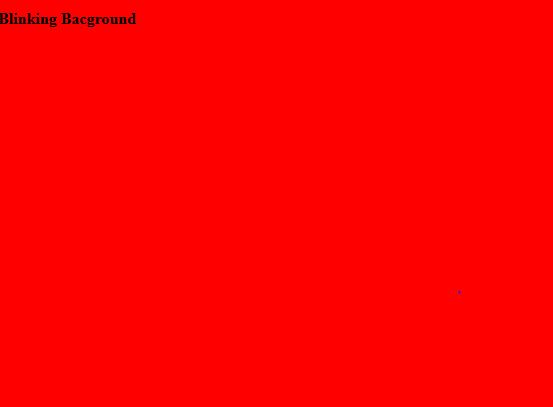
<body style="background-color: red;" onload="changecolors()">

<b>Blinking Bacground</b>

</body>

</html>

**Output:**



**10 . Design a digital clock on your webpage using java script.**

**Sol:**

<!DOCTYPE html>

<html>

<head>

<title>DIGITAL CLOCK</title>

<script src="time.js"></script>

</head>

<body>

<button onclick="showtime()">DISPLAY TIME</button> <br />

The Time is : <div id="time"></div>

</body>

</html>

function showtime()

{

var now = new Date ;

var h = now.getHours() ;

var m = now.getMinutes() ;

var s = now.getSeconds() ;

if (h > 12)

h = h - 12 ;

if(s>=0 && s<=9)

s = '0' + s ;

if(m>=0 && m<=9 )

m = '0' + m ;

if(h>=0 && h<=9 )

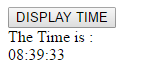
h = '0' + h ;

document.getElementById("time").innerHTML = h + ":" + m + ":" + s ;

setInterval(showtime, 500);

}

**Output:**



**11. Write a java script to validate the following fields in a registration page.**

1. **Name (should contains alphabets and the length should not be less than 6 characters)**
2. **Password(should not be less than 6 characters)**
3. **E-mail(should not contain invalid addresses)**

**Sol :**

**Validation.html**

<!DOCTYPE html>

<html>

<head>

<title>JAVASCRIPT FORM VALIDATION</title>

<script type="text/javascript" src="jsval.js"></script>

</head>

<body>

<form method="POST" onsubmit="return validate()">

<label>Name : </label> <input type="text" name="name" id="name"> <br />

<label>Email : </label> <input type="text" name="email" id="email"> <br />

<label>Password : </label> <input type="text" name="password" id="pwd"> <br />

<label>Mobile : </label> <input type="text" name="mobile" id="contact"> <br />

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

</form>

<div id="ch"></div>

</body>

</html>

**jsval.js**

function validate()

{

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

if(name.length < 6 )

{

alert("The Name must be atleast 6 characters and only Aplhabet");

return false ;

}

var letters = /^[A-Za-z]+$/;

if(!(name.match(letters)))

{

alert('Name should only contain alphabet');

return false ;

}

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

var correctemail = /[^\s@]+@[^\s@]+\.[^\s@]+/ ;

if(!(email.match(correctemail)))

{

alert('Email is of form abc@def.com is accepted');

return false ;

}

var p = document.getElementById("pwd").value ;

if(p.length < 6 )

{

alert("The Password must be atleast 6 characters");

return false ;

}

if(p.search(/[A-Z]/i) < 0)

{

alert("password should contain a capital letter") ;

return false ;

}

if(p.search(/[!@#$%^&\*]/i) < 0)

{

alert("password should contain atleast one special character");

return false ;

}

var m = document.getElementById("contact").value ;

if(m.length != 10)

{

alert("The mobile number is of incorrect format") ;

return false ;

}

if(m.search(/^[0-9]/i) != 0 )

{

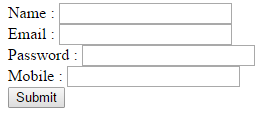
alert("Please enter only numbers in mobile");

return false ;

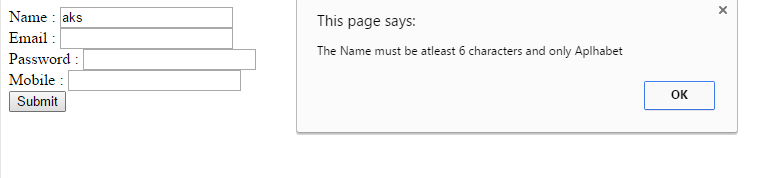
}

}

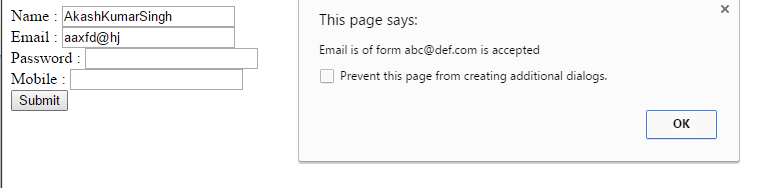
**Output:**



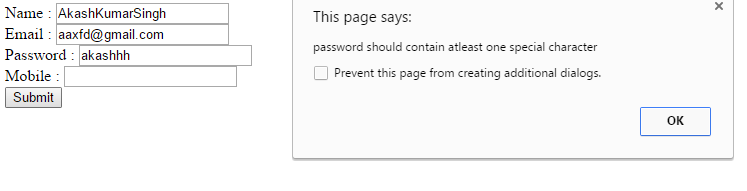
**When name format is incorrect:**



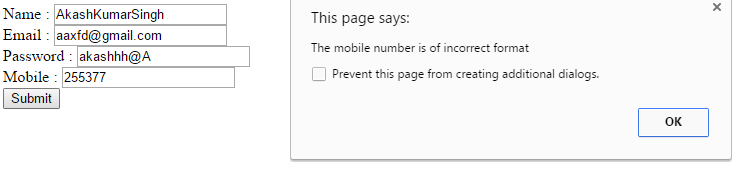
**When email format is incorrect**:



**When password format is incorrect**:



**When mobile phone format is incorrect**:



**13. Write a java script code to change the background color at frequent intervals.**

**Sol :**

<html>

<head>

<title>bgColor</title>

<SCRIPT LANGUAGE="JavaScript1.2">

colors = new Array("red","gray","yellow","orange","green","blue","brown","purple",)

colorIndex = 0

function changeColor() {

document.bgColor = colors[colorIndex]

colorIndex = (colorIndex + 1) % colors.length

}

function startColorChange() {

setInterval("changeColor()",3000)

}

window.onload = startColorChange

</SCRIPT>

</head>

<body bgcolor="white">

<h1 align="center">HTML TUTORIAL </h1>

<ol type=A>

<li> HTML stands for Hyper Text Markup Language </li>

<li> it contains elemets called tags </li>

</ol>

<hr>

<p><b>The following table contains the main tags used in HTML</b></p>

<br>

<table >

<tr>

<th>tag</th>

<th> function </th>

</tr>

<tr>

<td> &lt;html&gt;</td>

<td> start tag</td>

</tr>

<tr>

<td> &lt;head&gt;</td>

<td> head section contains title of the web page </td>

</tr>

<tr>

<td> &lt;body&gt; </td>

<td> content written in head section will be displayed on the web page</td>

</tr>

<tr>

<td> &lt;img&gt;</td>

<td> used to include image in the web page</td>

</tr>

</table>

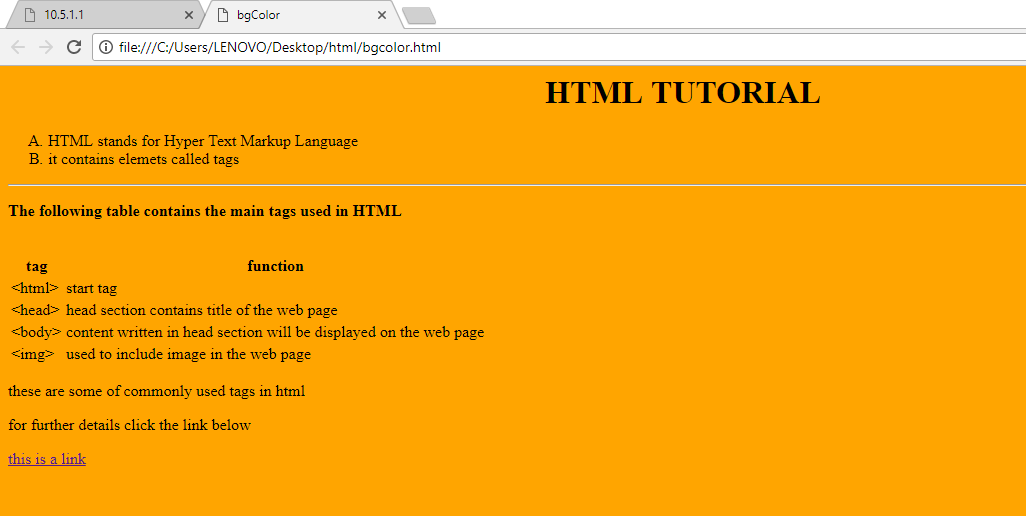
<p>these are some of commonly used tags in html </p>

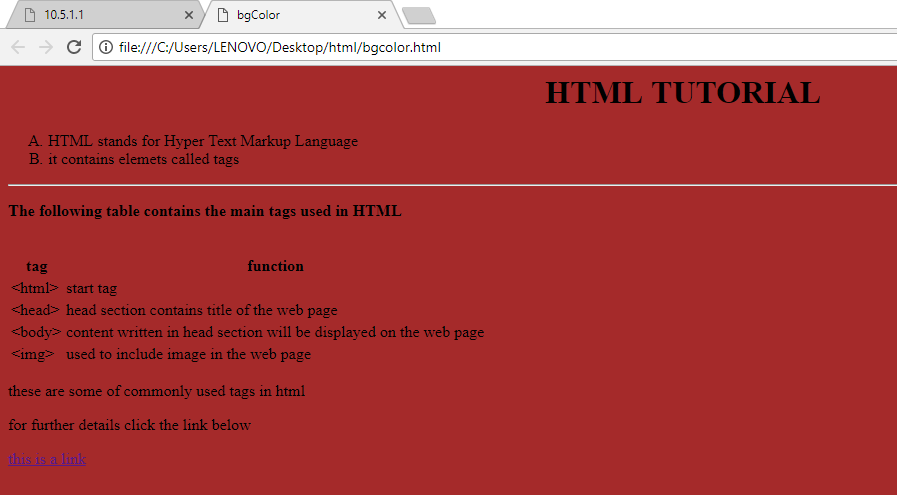
<p> for further details click the link below </p>

<a href="https://www.computerhope.com/issues/ch001613.htm"> this is a link </a> </P></body>

</html>

**Output:** the background colour for the page will change automatically after **3seconds.**

****

****

**15. Write a java script code to show the concept of cookies.**

**Sol :**

<html>

<head>

<script type = "text/javascript">

<!--

function WriteCookie()

{

if( document.myform.customer.value == "" ){

alert("Enter some value!");

return;

}

cookievalue= escape(document.myform.customer.value) + ";";

document.cookie="name=" + cookievalue;

document.write ("Setting Cookies : " + "name=" + cookievalue );

}

//-->

</script>

</head>

<body>

<form name="myform" action="">

Enter name: <input type="text" name="customer"/>

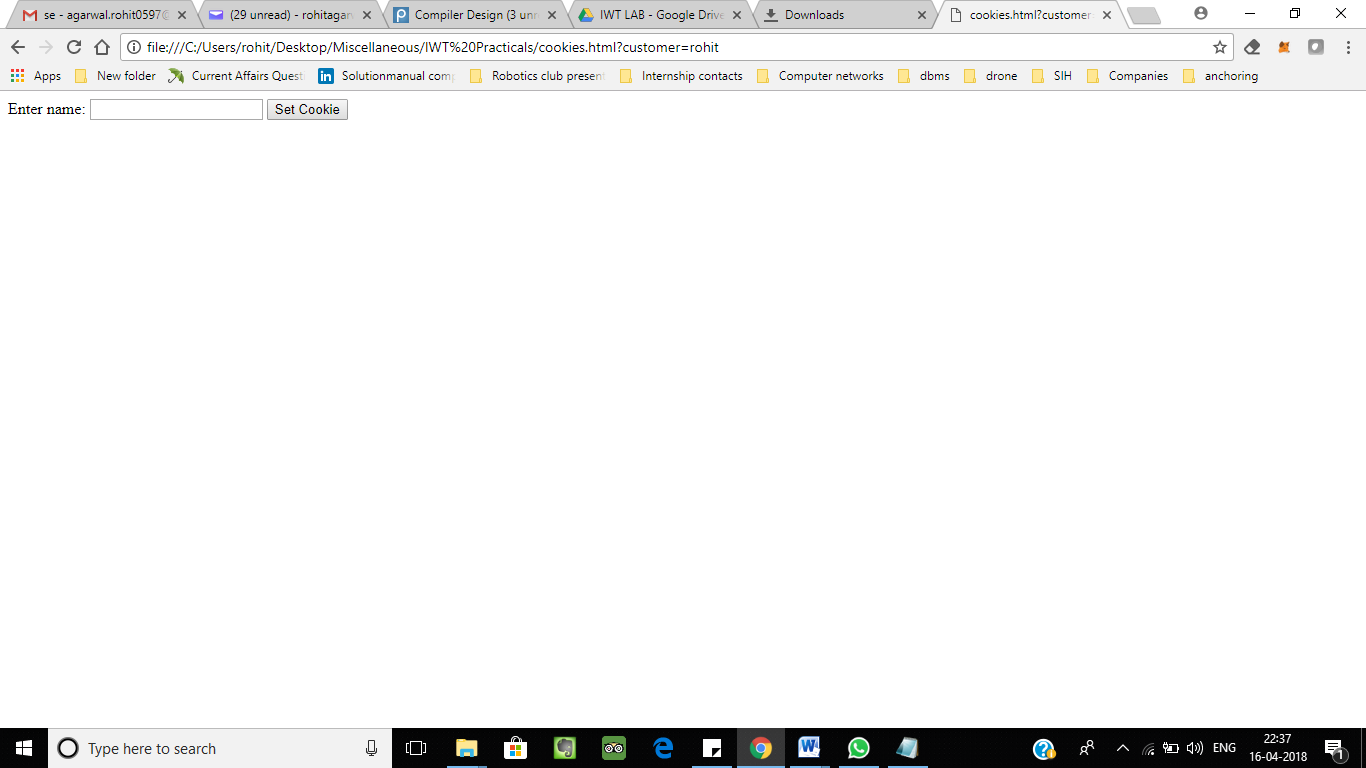
<input type="button" value="Set Cookie" onclick="WriteCookie();"/>

</form>

</body>

</html>

**Output:**



**14. Write a java script code to open the new document after particular intervals.**

**Sol :**

<!DOCTYPE html>

<html>

<head>

<title>File Opening</title>

<script src="file.js"></script>

</head>

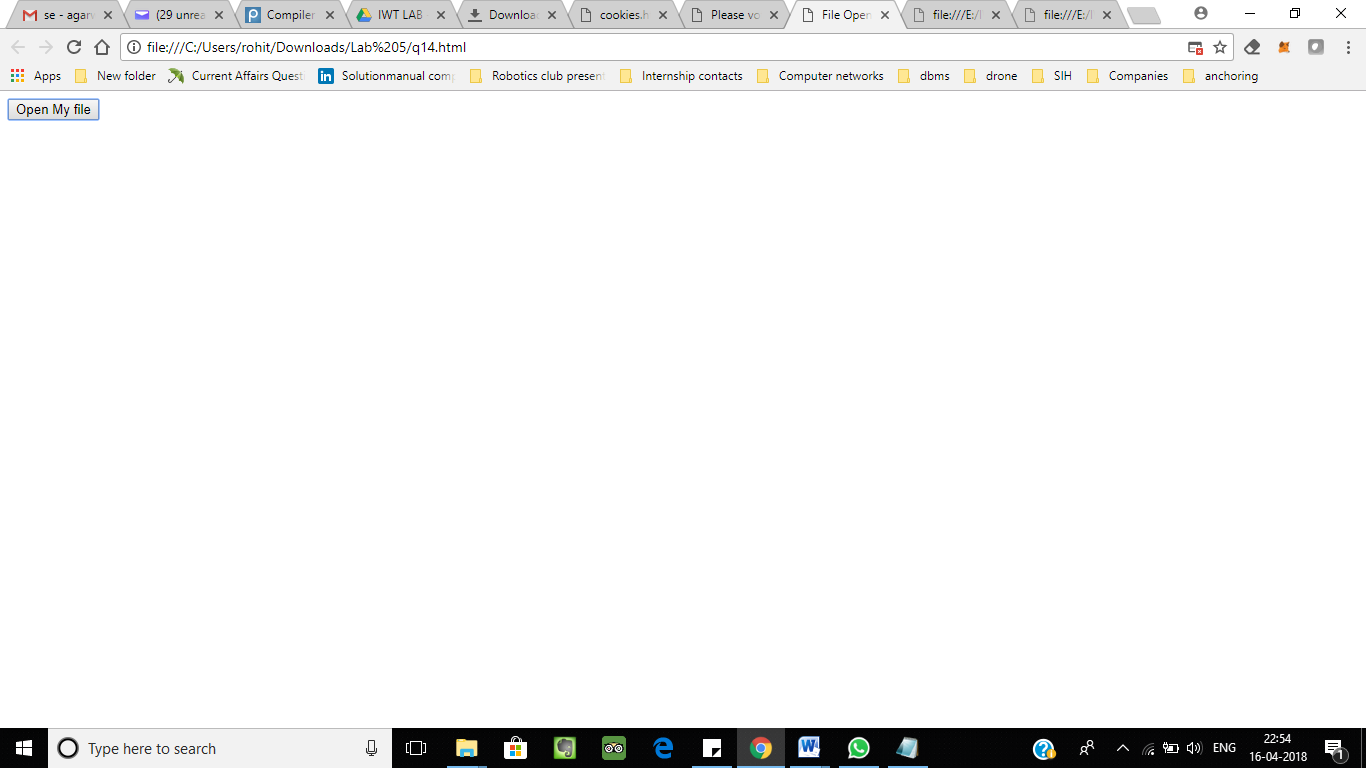
<body>

<button onclick="openfile()">Open My file</button>

</body>

</html>

**OUTPUT :**



**16. Create an XML document, which contains 10users information. Implement a program, which takes User ID as an input and returns the user details by taking the user information form the Xml document.**

**Sol : ///xml code ///**

<?xml version="1.0" ?>

<document>

<users>

<user>

<userid>abc</userid>

<password>abc</password>

<first\_name>raj</first\_name>

<last\_name>kumar</last\_name>

<dob>10/1/1982</dob>

</user>

<user>

<userid>ravi</userid>

<password>ravi</password>

<first\_name>ravi</first\_name>

<last\_name>kumar</last\_name>

<dob>11/11/1982</dob>

</user>

<user>

<userid>sri</userid>

<password>sri</password>

<first\_name>sri</first\_name>

<last\_name>ram</last\_name>

<dob>12/12/1983</dob>

</user>

<user>

<userid>lax</userid>

<password>lax</password>

<first\_name>laxman</first\_name>

<last\_name>kumar</last\_name>

<dob>1/1/1980</dob>

</user>

<user>

<userid>chandu</userid>

<password>chandu</password>

<first\_name>chandana</first\_name>

<last\_name>priya</last\_name>

<dob>9/11/1998</dob>

</user>

<user>

<userid>vysu</userid>

<password>vysu</password>

<first\_name>vyshnavi</first\_name>

<last\_name>matha</last\_name>

<dob>17/6/1982</dob>

</user>

<user>

<userid>prem</userid>

<password>prem</password>

<first\_name>prem</first\_name>

<last\_name>kumar</last\_name>

<dob>11/11/1988</dob>

</user>

<user>

<userid>geeta</userid>

<password>geeta</password>

<first\_name>geeta</first\_name>

<last\_name>anjali</last\_name>

<dob>13/1/1972</dob>

</user>

<user>

<userid>preeti</userid>

<password>preeti</password>

<first\_name>prethi</first\_name>

<last\_name>priya</last\_name>

<dob>7/11/1968</dob>

</user>

<user>

<userid>praveen</userid>

<password>praveen</password>

<first\_name>kumar</first\_name>

<last\_name>kumar</last\_name>

<dob>11/11/1999</dob>

</user>

</users>

</document>

////html code ///

<html>

<head>

<title>authorization page</title>

<script language="JavaScript" Run At=server>

var xmlDoc=new ActiveXObject("Microsoft.XMLDOM");

xmlDoc.load("info.xml");

function search()

{

var id=document.myform.id.value;

var pword=document.myform.pword.value;

var qry=xmlDoc.selectNodes("document/users/user[userid='"+id+"']");

if(qry.length!=0)

{

if(pword!=qry.item(0).childNodes.item(1).text)

//document.body.innerHTML="Password incorrect";

document.write("success");

}

else

document.body.innerHTML="No matching data found. userid incorrect";

}

</script>

</head>

<body>

<pre>

<center>

<form name="myform" method=post action="result.html">

User id:<input type=text name=id><br>

password :<input type=password name=pword><br>

<input type=submit value=Go onClick="search()">

</form>

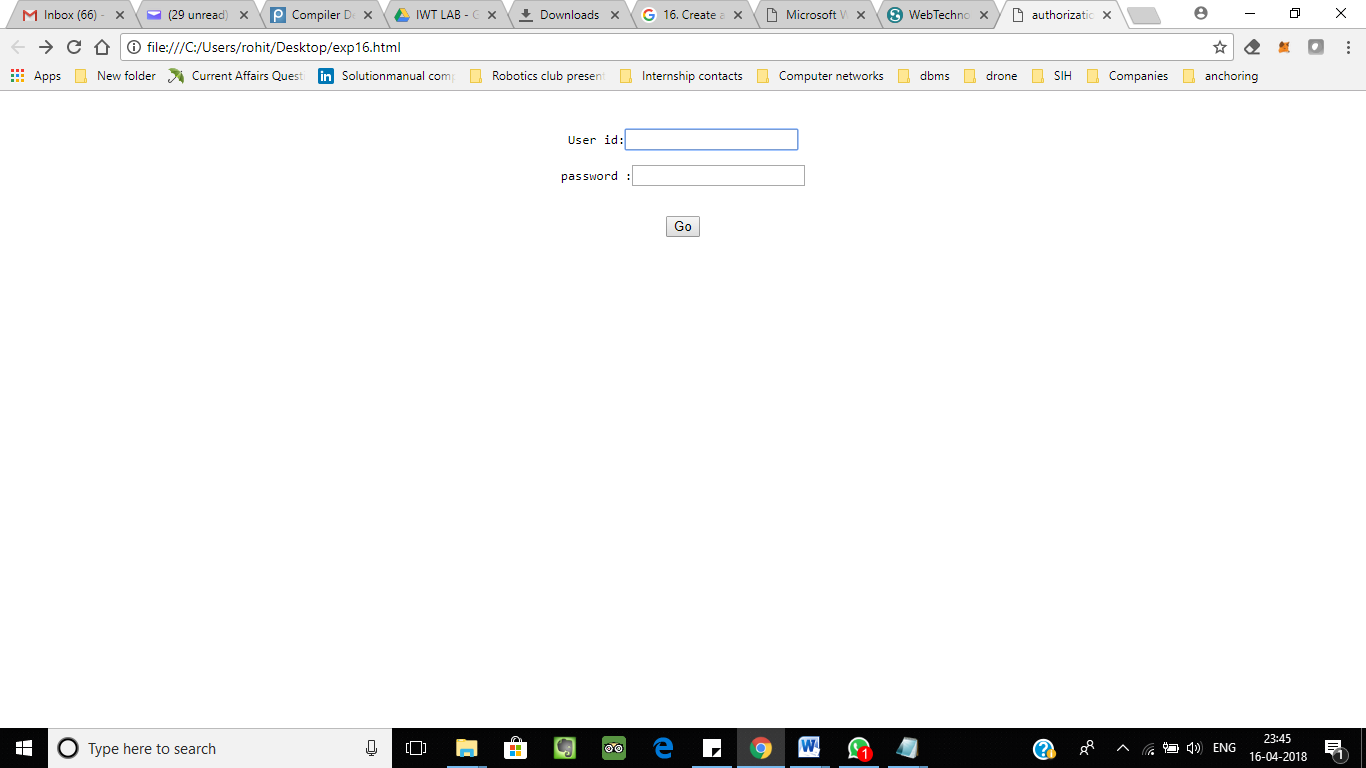
</center>

</pre>

</body>

</html>

**OUTPUT :**



**17 .Write an XML file which displays the book details that includes the following:**

* 1. **Title of book.**
  2. **Author name.**
  3. **Edition**
  4. **Price**

**Write a DTD to validate the above XML file and display the details in a table.**

Sol. HTML Code

<html>

<head>

<title>Sundar's XML data</title>

<style type="text/css">

td, th, table{

border : 1px solid BLACK;

}

#demo

{

text-align: center ;

}

</style>

</head>

<body>

<button onclick="loadXMLDoc()">Click for data</button>

<table id="demo" cellpadding="10"></table>

<script>

function loadXMLDoc() {

var xmlhttp = new XMLHttpRequest();

xmlhttp.onreadystatechange = function() {

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

myFunction(this);

}

};

xmlhttp.open("GET", "booksxml.xml", true);

xmlhttp.send();

}

function myFunction(xml) {

var i;

var xmlDoc = xml.responseXML;

var table="<tr><th>Title</th><th>Author</th><th>Edition</th><th>Price</th></tr>";

var x = xmlDoc.getElementsByTagName("book");

for (i = 0; i <x.length; i++) {

table += "<tr><td>" +

x[i].getElementsByTagName("title")[0].childNodes[0].nodeValue +

"</td><td>" +

x[i].getElementsByTagName("author")[0].childNodes[0].nodeValue +

"</td><td>" +

x[i].getElementsByTagName("edition")[0].childNodes[0].nodeValue +

"</td><td>" +

x[i].getElementsByTagName("price")[0].childNodes[0].nodeValue +

"</td></tr>" ;

}

document.getElementById("demo").innerHTML = table;

}

</script>

</body>

</html>

XML Code

<!DOCTYPE bookstore SYSTEM "G:\xampp\htdocs\Last\booksdtd.dtd">

<bookstore>

<book>

<title>IWT Book</title>

<author>Rohit</author>

<edition>3</edition>

<price>500</price>

</book>

<book>

<title>internet &amp; world wide web</title>

<author>Agarwal</author>

<edition>7</edition>

<price>450</price>

</book>

<book>

<title>Cellular &amp; Mobile</title>

<author>Rohit</author>

<edition>1</edition>

<price>1100</price>

</book>

<book>

<title>Software Engg</title>

<author>Agarwal</author>

<edition>2</edition>

<price>720</price>

</book>

</bookstore>

DTD Document

<?xml version="1.0" encoding="UTF-8"?>

<!ELEMENT bookstore (book+)>

<!ELEMENT book (title,author,edition,price)>

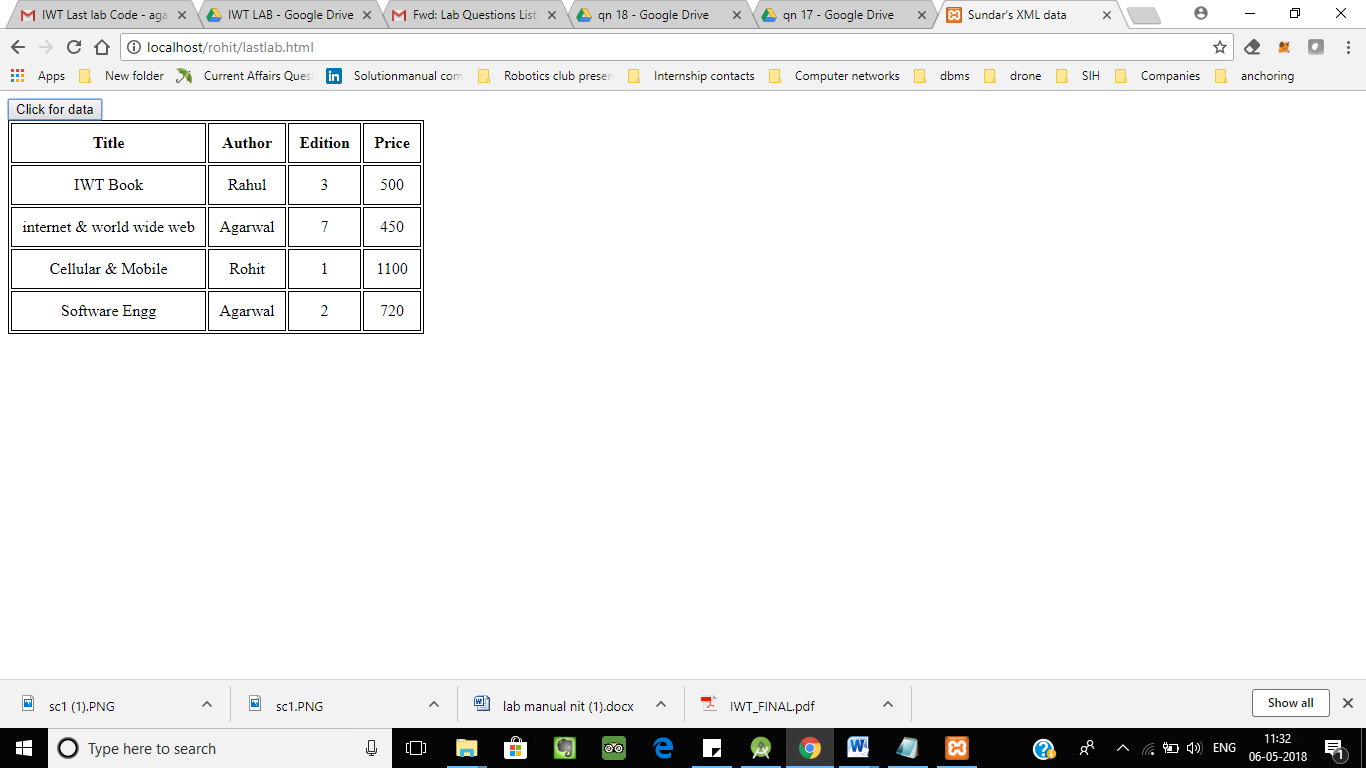
<!ELEMENT title (#PCDATA)>

<!ELEMENT author (#PCDATA)>

<!ELEMENT edition (#PCDATA)>

<!ELEMENT price (#PCDATA)>

OutPut :



**17 .** **XML document to store information about a student in an engineering college affiliated to any university. The information must include Roll No, Name, and Name of the college, Branch, Year of Joining, and e-mail id. Make up sample data for 5students, create a CSS style sheet and use it to display the document.**

**Sol :**

HTML File

<html>

<head>

<title>Sundar's XML data</title>

<style type="text/css">

td, th, table{

border : 1px solid BLACK;

}

#demo

{

text-align: center ;

}

</style>

</head>

<body>

<button onclick="loadXMLDoc()">Click for data</button>

<table id="demo" cellpadding="10"></table>

<script>

function loadXMLDoc() {

var xmlhttp = new XMLHttpRequest();

xmlhttp.onreadystatechange = function() {

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

myFunction(this);

}

};

xmlhttp.open("GET", "students.xml", true);

xmlhttp.send();

}

function myFunction(xml) {

var i;

var xmlDoc = xml.responseXML;

var table="<tr><th>Roll No.</th><th>Name</th><th>College</th><th>Branch</th><th>Year of Join</th><th>Email</th></tr>";

var x = xmlDoc.getElementsByTagName("student");

for (i = 0; i <x.length; i++) {

table += "<tr><td>" +

x[i].getElementsByTagName("roll")[0].childNodes[0].nodeValue +

"</td><td>" +

x[i].getElementsByTagName("name")[0].childNodes[0].nodeValue +

"</td><td>" +

x[i].getElementsByTagName("college")[0].childNodes[0].nodeValue +

"</td><td>" +

x[i].getElementsByTagName("branch")[0].childNodes[0].nodeValue +

"</td><td>" +

x[i].getElementsByTagName("yearjoin")[0].childNodes[0].nodeValue +

"</td><td>" +

x[i].getElementsByTagName("email")[0].childNodes[0].nodeValue +

"</td></tr>" ;

}

document.getElementById("demo").innerHTML = table;

}

</script>

</body>

</html>

XML File

<!DOCTYPE students SYSTEM "G:\xampp\htdocs\iwt\collegedtd.dtd">

<students>

<student>

<roll>1</roll>

<name>Rohit</name>

<college>NIT Raipur</college>

<branch>IT</branch>

<yearjoin>2015</yearjoin>

<email>abc@gmail.com</email>

</student>

<student>

<roll>2</roll>

<name>rahul</name>

<college>IIIT NR</college>

<branch>elex</branch>

<yearjoin>2017</yearjoin>

<email>cde@gmail.com</email>

</student>

<student>

<roll>3</roll>

<name>apoorv</name>

<college>NIT AP</college>

<branch>ME</branch>

<yearjoin>2015</yearjoin>

<email>apoorv@gmail.com</email>

</student>

<student>

<roll>4</roll>

<name>tushar</name>

<college>NITA</college>

<branch>BM</branch>

<yearjoin>2017</yearjoin>

<email>tushar@gmail.com</email>

</student>

<student>

<roll>5</roll>

<name>vedant</name>

<college>IIT Bombay</college>

<branch>cse</branch>

<yearjoin>2016</yearjoin>

<email>xyz@gmail.com</email>

</student>

</students>

DTD declaration

<?xml version="1.0" encoding="UTF-8"?>

<!ELEMENT students (student+)>

<!ELEMENT student (roll,name,college,branch,yearjoin,email)>

<!ELEMENT roll (#PCDATA)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT college (#PCDATA)>

<!ELEMENT branch (#PCDATA)>

<!ELEMENT yearjoin (#PCDATA)>

<!ELEMENT email (#PCDATA)>

**OUTPUT :**

