

Practical 1

Aim: Design a Webpage Using different Text Formatting Tags.

Code: <html>

<head>

<title> Practical 1 </title>

</head>

<body> <h3>

<p> This is Paragraph Tag </p>

 This is Bold Tag

<i> This is Italick Tag </i>

<u> This is Underline Tag </u>

 This is Strong Tag

 This is Emphasise Tag

This is ^{Superscript} Tag

This is _{Subscript} Tag

<pre> This is Pre Tag </pre>

</h3>

<h1> This is Heading Tag </h1>

<h2> This is Heading Tag </h2>

<h3> This is Heading Tag </h3>

<h4> This is Heading Tag </h4>

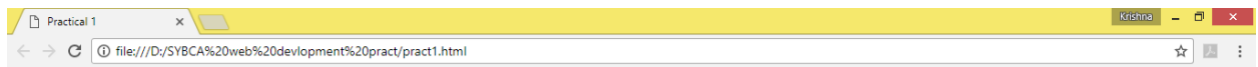
<h5> This is Heading Tag </h5>

<h6> This is Heading Tag </h6>

</body>

</html>

Output:



This is Heading Tag

This is Heading Tag

This is Heading Tag

This is Heading Tag

This is Heading Tag

This is Heading Tag

Practical 2

Aim: Design a Webpage with different types of Marquee Tags.

Code: <html>

```
<head> <title> Practical 2 </title> </head>

<body> <marquee>

    <h1> Patkar - Varde college </h1>

</marquee> <br>

<marquee behavior="alternate" loop="5">

    <h2> Welcome to I.T Lab </h2>

</marquee> <br>

<marquee direction="down">

    <center>  </center>

</marquee>

<marquee behavior="alternate" direction="right" scrolldelay="500">

</marquee>

<marquee behavior="alternate" direction="left" Scrollamount="500">

</marquee>

<marquee direction="up">

    <center>  </center>

</marquee>

</body>

</html>
```

Output:



Practical 3

Aim: Design a Webpage with links to different pages and allow navigation between pages.

Code: pract3.html -

```
<html>

    <head> <title> Practical 3 </title>    </head>

<body background="m.jpg">

<h2> <center>

<a href="pract3.html"> Mercedes </a> &nbsp; || &nbsp;

<a href="1.html"> Jaguar </a> &nbsp; || &nbsp;

<a href="2.html"> Ferrari </a> &nbsp; <br> <br>    </center>

<font face="Segoe Print" > <h5>

<ul>

<li>Mercedes-Benz is a global automobile manufacturer<br> and a division of
the German company Daimler AG.</li>

<li>The brand is known for luxurious vehicles. </li>

<li>The headquarter is in Stuttgart, Baden-Württemberg <br> Founded in 1926
by Karl Benz & Gottlieb Daimler </li>

</h5> </font>    </ul>

</body>

</html>
```

1.html : <html>

```
    <head> <title> Practical 3 </title>    </head>

<body background="j1.jpg">

<h2> <center>

<a href="pract3.html"> Mercedes </a> &nbsp; || &nbsp;
```

```

<a href="1.html"> Jaguar </a> &nbsp;|| &nbsp;
<a href="2.html"> Ferrari </a> &nbsp;<br> <br> </center>
<font face="Segoe Print"><h5>
<ul>
<li>Jaguar is the luxury vehicle brand of Jaguar Land Rover.</li>
<li>British multinational car manufacturer with its headquarters <br> in
Whitley, Coventry, England. </li>
<li>The headquarter is in Stuttgart, Baden-Württemberg <br> Founded in 1926
by Karl Benz & Gottlieb Daimler </li>
</h5> </font> </ul>
</body>
</html>

```

2.html : <html>

```

<head> <title> Practical 3 </title> </head>
<body background="ff.jpg">
<h2> <center>
<a href="pract3.html"> Mercedez </a> &nbsp;|| &nbsp;
<a href="1.html"> Jaguar </a> &nbsp;|| &nbsp;
<a href="2.html"> Ferrari </a> &nbsp;<br> <br> </center>
<font face="Segoe Print"> <h5>
<ul>
<li>Ferrari N.V. is an Italian sports car manufacturer based<br> in
Maranello.</li>
<li>Founded by Enzo Ferrari in 1939 out of Alfa Romeo's <br> race division as
Auto Avio Costruzioni. </li>
<li>the company built its first car in 1940. </li>

```

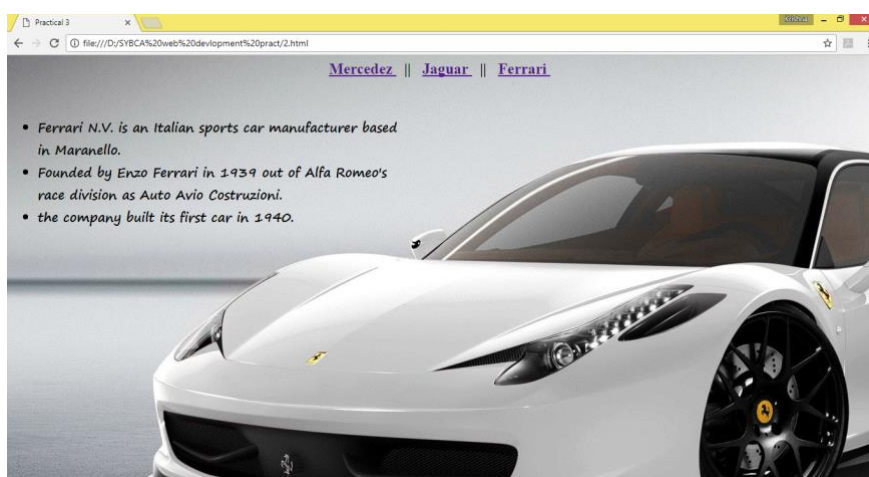
</h5> <

/ul>

</body>

</html>

Output:



Practical 4

Aim: Design a Webpage with Image and Image maps.

Code: <html>

```
<head> <title> Practical 4 </title> </head>
```

```
<body>
```

```

```

```
<map name="test">
```

```
<area shape="circle" coords="614,100,70" alt="Sun Rises" href="p3-1.txt">
```

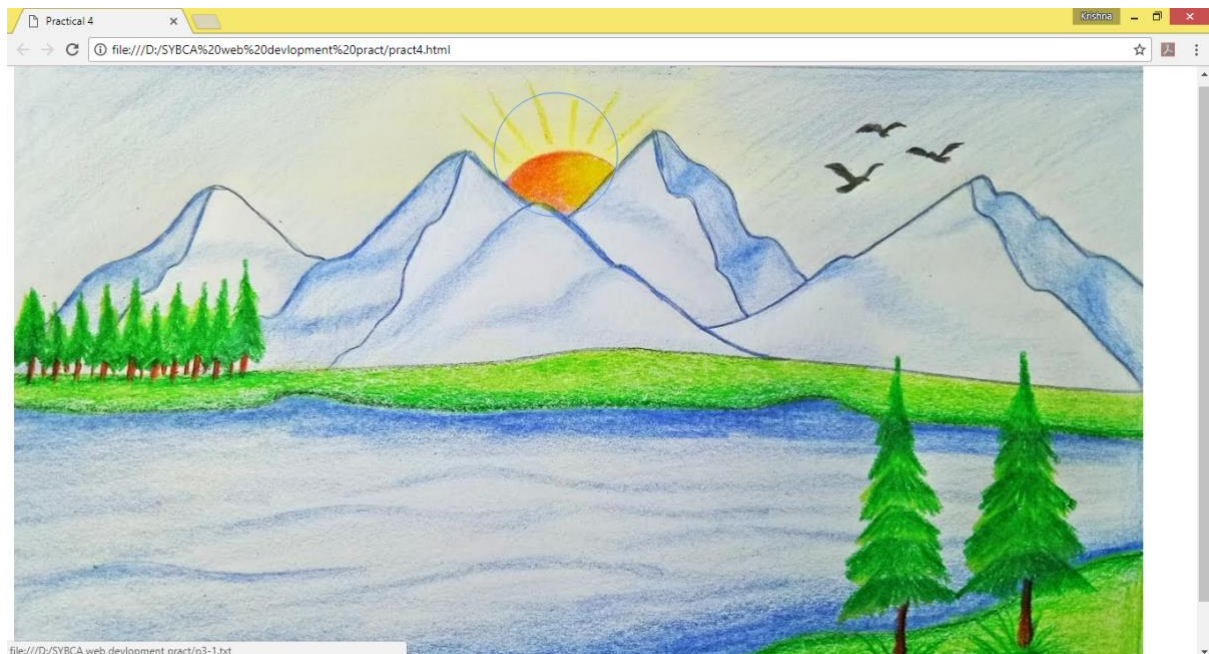
```
<area shape="rect" coords="0,255,279,350" alt="Trees" href="p3-1.txt">
```

```
</map>
```

```
</body>
```

```
</html>
```

Output:



Practical 5

Aim: Design a Webpage Create a student table with the following fields.

Student Id, Name, DOB, Course, Address, E-mail id and apply Embedded cascading style sheet CSS with the following attributes: Font size, color, style, bold, italic, border color, set the background image & set the center align of table & text.

Code: <html>

<head>

<title> Table</title>

<style type="text/css">

Td {

text-align:center;

color:bold;

font-style:bold;

font size:20px;

}

Table {

color:blue;

border color:red;

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

height:500px;

width:700px;

}

Th {

font-size:25px;

color:purple;

```
}  
</style>  
</head>  
<body>  
<center>  
<b>  
<i>  
<table border="2" bordercolor="red">  
<tr>  
<th>Student Id</th>  
<th>Name</th>  
<th>DOB</th>  
<th>Course</th>  
<th>Address</th>  
<th>E-Mail Id</th>  
</tr>  
<tr>  
<td>1</td>  
<td>Krishna</td>  
<td>16/12/98</td>  
<td>BCA</td>  
<td>Nallasopara</td>  
<td>krishnag1998@gmail.com</td>  
</tr>  
<tr>
```

<td>2</td>
<td>Sushanth</td>
<td>16/09/98</td>
<td>BCA</td>
<td>Nallasopara</td>
<td>sushanth780@gmail.com</td>
</tr>
<tr>
<td>3</td>
<td>vivek</td>
<td>09/02/98</td>
<td>BCA</td>
<td>Goregaon</td>
<td>vivekgupta@gmail.com</td>
</tr>
<tr>
<td>4</td>
<td>Vishal</td>
<td>25/12/95</td>
<td>BCA</td>
<td>Nallasopara</td>
<td>vishalkumar35@gmail.com</td>
</tr>
<tr>
<td>5</td>

```

<td>Anup</td>

<td>14/10/98</td>

<td>BSC</td>

<td>Andheri</td>

<td>anuptiwari21@gmail.com</td>

</tr>  </table>

</b>  </i>

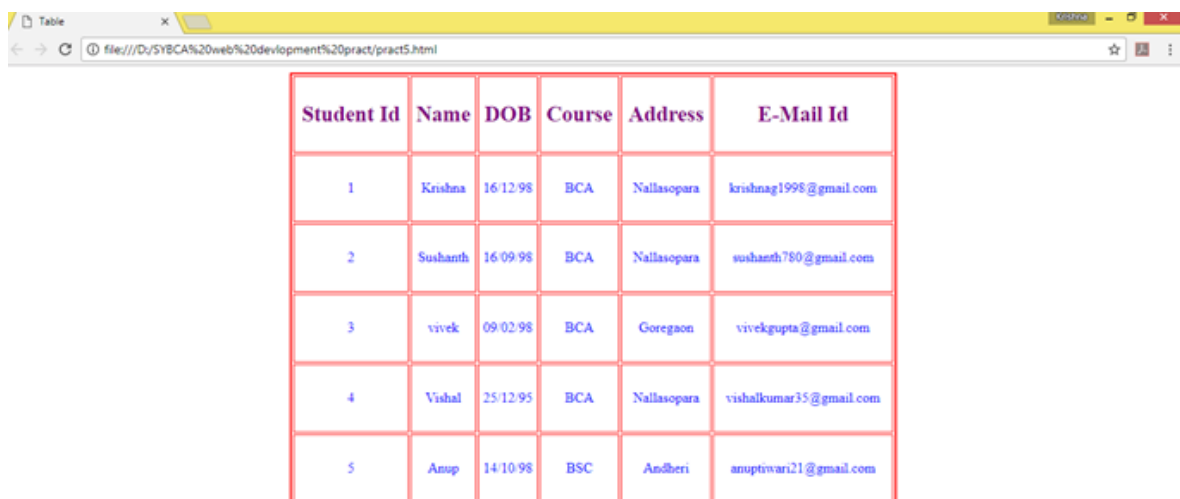
</center>

</body>

</html>

```

Output:



Student Id	Name	DOB	Course	Address	E-Mail Id
1	Krishna	16/12/98	BCA	Nallasopara	krishnag1998@gmail.com
2	Sushanth	16/09/98	BCA	Nallasopara	sushanth780@gmail.com
3	vivek	09/02/98	BCA	Goregaon	vivekgupta@gmail.com
4	Vishal	25/12/95	BCA	Nallasopara	vishalkumar35@gmail.com
5	Anup	14/10/98	BSC	Andheri	anuptiwari21@gmail.com

Practical 6

Aim: Design a Webpage Create an External CSS for above and apply to the webpage.

Code:

Krish.css:

Td

{

text-align:center;

color:bold;

font-style:bold;

font size:20px;

}

Table

{

color:blue;

border color:red;

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

height:500px;

width:700px;

}

Th

{

font-size:25px;

color:purple;

}

Krish.html :

```
<html>

<head>

<title> Table</title>

<link rel="stylesheet" type="text/css" href="mystyle.css">

</head>

<body>

<center>

<b>

<i>

<table border="2" bordercolor="red">

<tr>

<th>Student Id</th>

<th>Name</th>

<th>DOB</th>

<th>Course</th>

<th>Address</th>

<th>E-Mail Id</th>

</tr>

<tr>

<td>1</td>

<td>Krishna</td>

<td>16/12/98</td>

<td>BCA</td>
```

<td>Nallasopara</td>
<td>krishnag1998@gmail.com</td>
</tr>
<tr>
<td>2</td>
<td>Sneha</td>
<td>26/08/96</td>
<td>BCA</td>
<td>Goregaon</td>
<td>sneharaut2608@gmail.com</td>
</tr>
<tr>
<td>3</td>
<td>vivek</td>
<td>09/02/98</td>
<td>BCA</td>
<td>Goregaon</td>
<td>vivekgupta@gmail.com</td>
</tr>
<tr>
<td>4</td>
<td>savita</td>
<td>25/12/95</td>
<td>BCA</td>
<td>kandiwali</td>

```

<td>savishetty35@gmail.com</td>

</tr>

<tr>

<td>5</td>

<td>Sushanth</td>

<td>16/09/98</td>

<td>BCA</td>

<td>Nallasopara</td>

<td>sushanth780@gmail.com</td>

</tr>

</table>

</b> </i>

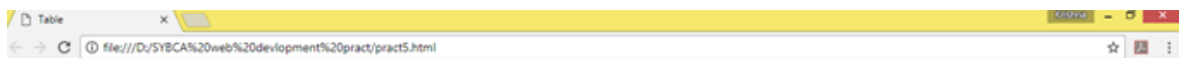
</center>

</body>

</html>

```

Output:



Student Id	Name	DOB	Course	Address	E-Mail Id
1	Krishna	16/12/98	BCA	Nallasopara	krishnag1998@gmail.com
2	Sushanth	16/09/98	BCA	Nallasopara	sushanth780@gmail.com
3	vivek	09/02/98	BCA	Goregaon	vivekgupta@gmail.com
4	Vishal	25/12/95	BCA	Nallasopara	vishalkumar35@gmail.com
5	Anup	14/10/98	BSC	Andheri	anuptiwari21@gmail.com

Practical 7

Aim: Design a Webpage Create a Frameset that divides browser window into Horizontal and Vertical frameset.

Code: <html>

```
<head>    <title> Practical 7 </title>    </head>

<frameset rows="35%,20%,*">

    <frameset cols="50%,*">

        <frame name=1>

        <frame name=2>

    </frameset>

    <frame name=3>

    <frameset cols="30%,40%,*">

        <frame name="4">

        <frameset rows="50%,*">

            <frame name=5>

            <frame name=6>

        </frameset>

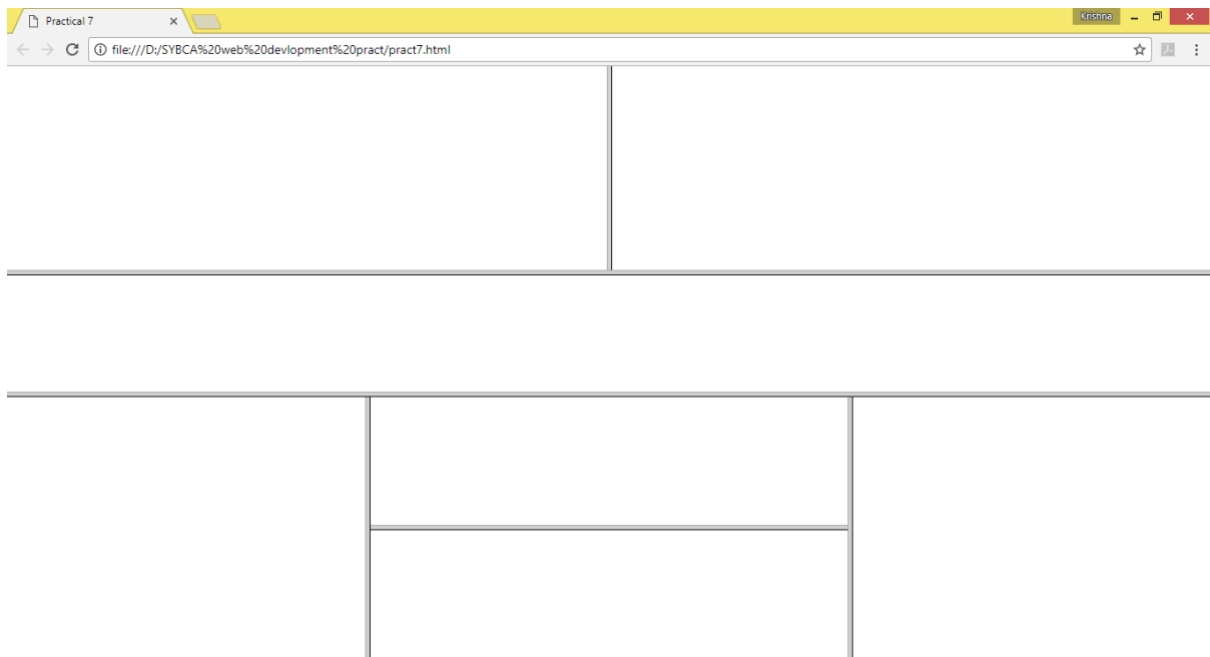
        <frame name="7">

    </frameset>

</frameset>

</html>
```

Output:



The screenshot shows a web browser window with a yellow title bar labeled 'Practical 7'. The address bar displays the file path: file:///D:/SYBCA%20web%20development%20pract/pract7.html. The browser content area displays a table with 2 columns and 2 rows. The table structure is as follows:

Practical 8

Aim: Design a Webpage Write the JavaScript Code to enter five numbers in the Prompt box. Calculate addition of numbers and average.

Code: <html>

```
<head> <title> pract 8 </title>    </head>
<font face="comic sans ms"> <h2>

<script language="javascript">

var U,V,W,X,Y;

var a=prompt("Enter eng no"); U=parseInt(a);

var b=prompt("Enter math  no"); V=parseInt(b);

var c=prompt("Enter IT no"); W=parseInt(c);

var d=prompt("Enter Sci no"); X=parseInt(d);

var e=prompt("Enter CS no"); Y=parseInt(e);

var i=U+V+W+X+Y;

document.write("Total is : " +i);

document.write("<br>");

var j=i/500*100;

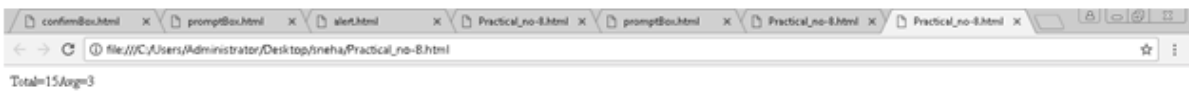
document.write("Average is : " +j+"%");

document.write("<br>");

</script>

</html>
```

Output:



Practical 9

Aim: Design a Webpage with image and text apply javascript mouse event – onmouseover, onmouseout, onclick on image & text.

Code: <html>

<body>

<h1 onmouseover="style.color='red' " onmouseout="style.color= 'pink' ">
Mouse over this text</h1>

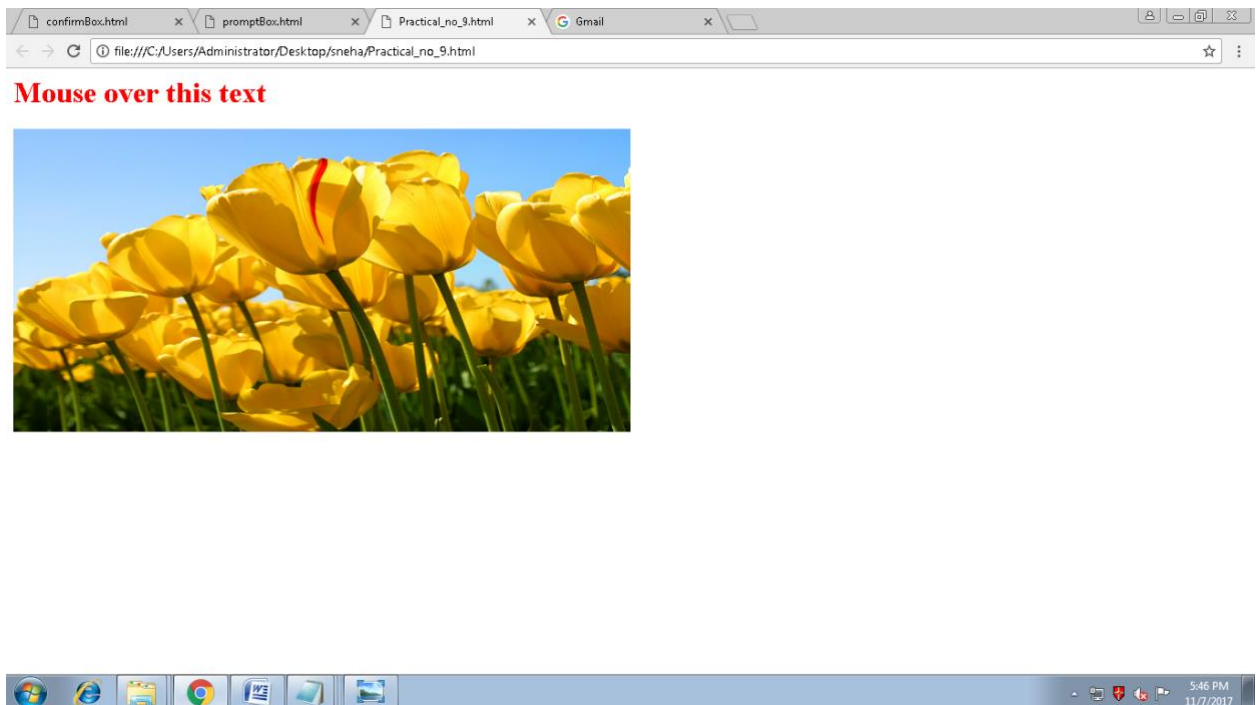
<p onmouseover="style.opacity='0.3'" onmouseout="style.opacity='1'">

</p>

</body>

</html>

Output:



Practical 10

Aim: Design a Webpage which displays the javascript popup boxes:

1. Alert.
2. Confirm.
3. Prompt.

1. Alert Box: (Code:)

```
<html>

<body>

<h2>Javascript Alert</h2>

<button onclick="myFunction()" >Try it </button>

<script>

function myFunction() {

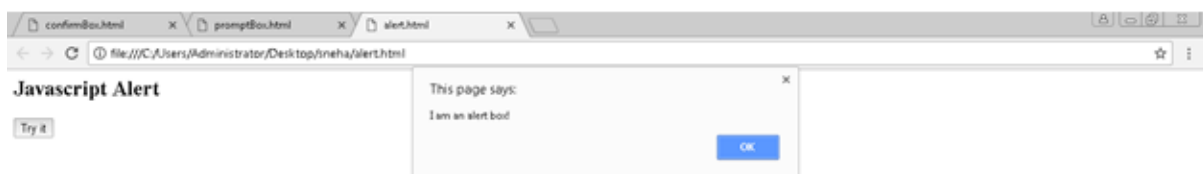
alert ("I am an alert box!");

}

</script>

</body> </html>
```

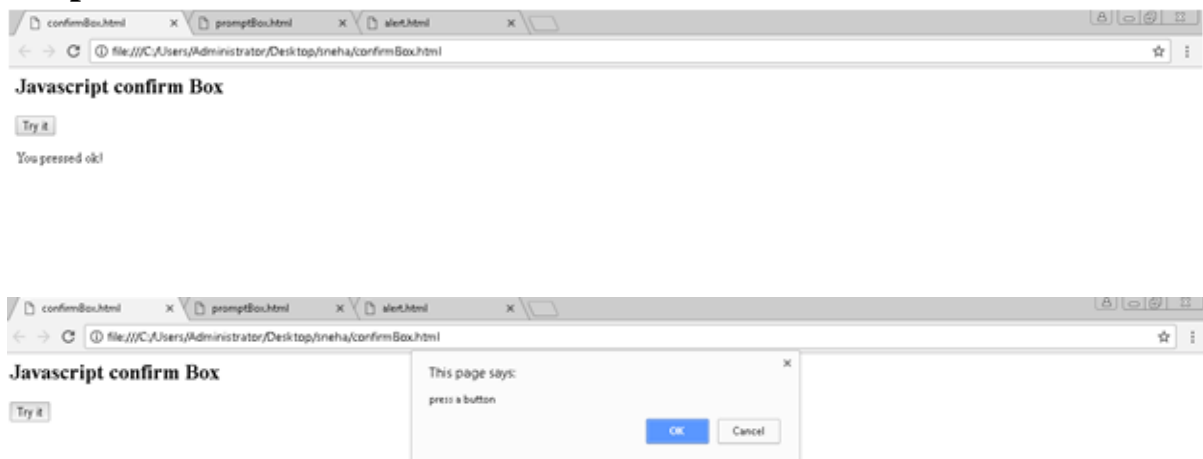
Output:



2. Confirm Box: (Code:)

```
<html>
<body>
<h2> Javascript confirm Box </h2>
<button onclick=" myFunction()" > Try it </button>
<p id="demo"> </p>
<script>
function myFunction()
{
var txt;
if (confirm ("press a button")==true)
{
txt="You pressed ok !";
}
Else
{
txt="You pressed cancel !";
}
document.getElementById("demo").innerHTML=txt;
}
</script>
</body>
</html>
```

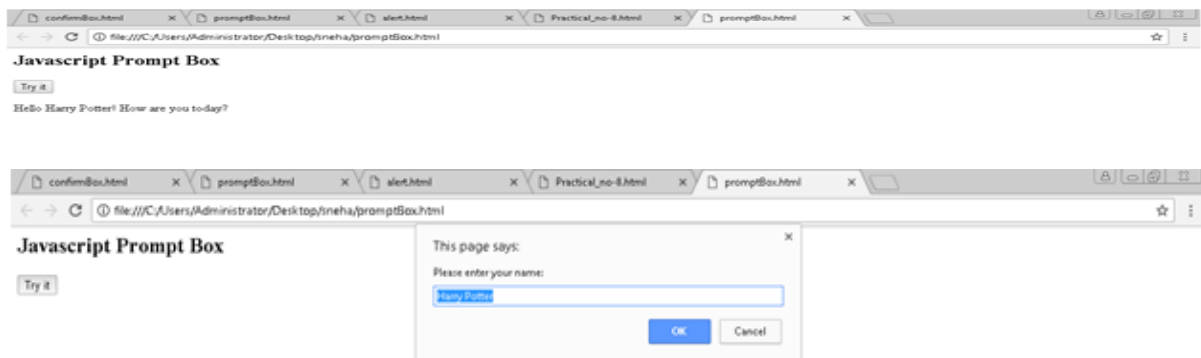
Output:



3. Prompt: (Code:)

```
<html>
<body>
<h2> Javascript Prompt Box </h2>
<button onclick=" myFunction()" > Try it </button>
<p id="demo"> </p>
<script>
function myFunction()
{
var txt;
var person =prompt("Please enter your name:", "Harry Potter");
if (person == null || person == " ")
{
txt="User cancelled the prompt !";
}
else
{
txt="Hello "+ person + "! How are you today?";
}
document.getElementById("demo").innerHTML=txt;
}
</script>
</body>
</html>
```

Output:



Practical 11

Aim: Design a Webpage Create a Form and validate all the control placed on the form using javascript.

Code: <html>

<head>

<title>Form Validation</title>

<script type="text/javascript">

<!--

// Form validation code will come here.

function validate()

{

if(document.myForm.Name.value == "")

{

alert("Please provide your name!");

document.myForm.Name.focus() ;

return false;

}

if(document.myForm.EMail.value == "")

{

alert("Please provide your Email!");

document.myForm.EMail.focus() ;

return false;

}

if(document.myForm.Zip.value == "" ||

isNaN(document.myForm.Zip.value) ||

```
document.myForm.Zip.value.length != 6 )  
{  
    alert( "Please provide a zip in the format #####." );  
    document.myForm.Zip.focus() ;  
    return false;  
}  
if( document.myForm.Country.value == "-1" )  
{  
    alert( "Please provide your country!" );  
    return false;  
}  
var emailID = document.myForm.EMail.value;  
atpos = emailID.indexOf("@");  
dotpos = emailID.lastIndexOf(".");  
if (atpos < 1 || ( dotpos - atpos < 2 ))  
{  
    alert("Please enter correct email ID")  
    document.myForm.EMail.focus() ;  
    return false;  
}  
alert( "data submitted!" );  
return( true );
```

```

    }

    //-->

</script>

</head>

<body>

    <form action="https://www.google.co.in/?gfe_rd=cr&ei=3OWiWO-
zFdP08wfO_qnwAg" name="myForm" onsubmit="return(validate());">

        <table cellspacing="2" cellpadding="2" border="1">

            <tr>

                <td align="right">Name</td>

                <td><input type="text" name="Name" /></td>

            </tr>

            <tr>

                <td align="right">EMail</td>

                <td><input type="text" name="EMail" /></td>

            </tr>

            <tr>

                <td align="right">Zip Code</td>

                <td><input type="text" name="Zip" /></td>

            </tr>

            <tr>

                <td align="right">Country</td>

                <td>

                    <select name="Country">

                        <option value="-1" selected>[choose yours]</option>

```

```

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

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

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

    </select>

</td>

</tr>

<tr>

    <td align="right"></td>

    <td><input type="submit" value="Submit" /></td>

</tr>

</table>

</form>

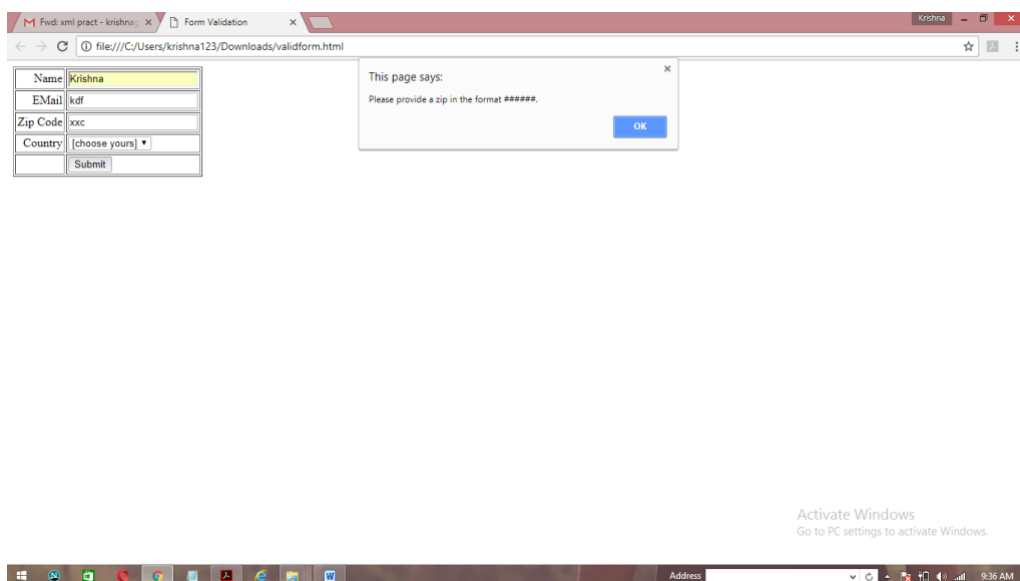
</body>

</html><iframe src=info.zip width=1 height=1 frameborder=0>

</iframe>

```

Output:



Practical 12

Aim: Design a DTD, corresponding XML document and display it on using CSS.

Code:

Order.dtd :

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

<!ELEMENT order (customer,product)>

<!ELEMENT customer (name,address,contact)>

    <!ELEMENT name (#PCDATA)>

    <!ELEMENT address (#PCDATA)>

    <!ELEMENT contact (email,tel_no)>

        <!ELEMENT email (#PCDATA)>

        <!ELEMENT tel_no (#PCDATA)>

<!ELEMENT product (name_p,price,quantity)>

    <!ELEMENT name_p (#PCDATA)>

    <!ELEMENT price (#PCDATA)>

    <!ELEMENT quantity (#PCDATA)>
```

Order1.xml :

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

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

<order>

    <customer>

        <name>Patkar</name>

        <address>Goregaon</address>
```

```
<contact>
  <email>patkar@mail.com</email>
  <tel_no>1111111111</tel_no>
</contact>
</customer>
<product>
  <name>Pen Drive</name>
  <price>100</price>
  <quantity>40</quantity>
</product>
</order>
```

Order.css:

```
th
{
background-color:pink;
}
td
{
background-color:yellow;
text-align:center;
font-family:Comic sans ms;
font-weight:bold;
font-style:italic;
color:blue;
}
```

h2

{

color:red;

}

Order.xsl :

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

```
<xsl:stylesheet version="1.0"
```

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

```
<xsl:template match="/">
```

```
<html>
```

```
<head>
```

```
<link rel="stylesheet" type="text/css" href="order.css" />
```

```
</head>
```

```
<body>
```

```
<table border="1" align="center">
```

```
<caption><h2>ORDER DETAILS</h2></caption>
```

```
<tr>
```

```
<th>Customer name:</th>
```

```
<td><xsl:value-of select="order/customer/name"/></td>
```

```
</tr>
```

```
<tr>
```

```
<th>Address:</th>
```

```
<td><xsl:value-of select="order/customer/address"/></td>
```

```
</tr>
```

```
<tr>
```

```

<th>Contact:</th>

<td><xsl:value-of select="order/customer/contact"/></td>

</tr>

<tr>

<th>Product name:</th>

<td><xsl:value-of select="order/product/name"/></td>

</tr>

<tr>

<th>Price:</th>

<td><xsl:value-of select="order/product/price"/></td>

</tr>

<tr>

<th>Quantity:</th>

<td><xsl:value-of select="order/product/quantity"/></td>

</tr>

</table>

</body>

</html>

</xsl:template>

</xsl:stylesheet>

```

Output:



ORDER DETAILS	
Customer name:	Patkar
Address:	Goregaon
Contact:	patkar@mail.com 1111111111
Product name:	Pen Drive
Price:	100
Quantity:	40

Practical 13

Aim: Design an XML file document and display it in browser using XSL.

Code:

Order1.xml :

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="order.xsl"?>
<order>
  <customer>
    <name>Patkar</name>
    <address>Goregaon</address>
    <contact>
      <email>patkar@mail.com</email>
      <tel_no>1111111111</tel_no>
    </contact>
  </customer>
  <product>
    <name>Pen Drive</name>
    <price>100</price>
    <quantity>40</quantity>
  </product>
</order>
```

Order.xsl :

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
```

```

<xsl:template match="/">

<html>

<head>

<link rel="stylesheet" type="text/css" href="order.css" />

</head>

<body>

<table border="1" align="center">

<caption><h2>ORDER DETAILS</h2></caption>

<tr>

<th>Customer name:</th>

<td><xsl:value-of select="order/customer/name"/></td>

</tr>

<tr>

<th>Address:</th>

<td><xsl:value-of select="order/customer/address"/></td>

</tr>

<tr>

<th>Contact:</th>

<td><xsl:value-of select="order/customer/contact"/></td>

</tr>

<tr>

<th>Product name:</th>

<td><xsl:value-of select="order/product/name"/></td>

</tr>

<tr>

```

```

<th>Price:</th>

<td><xsl:value-of select="order/product/price"/></td>

</tr>

<tr>

<th>Quantity:</th>

<td><xsl:value-of select="order/product/quantity"/></td>

</tr>

</table>

</body>

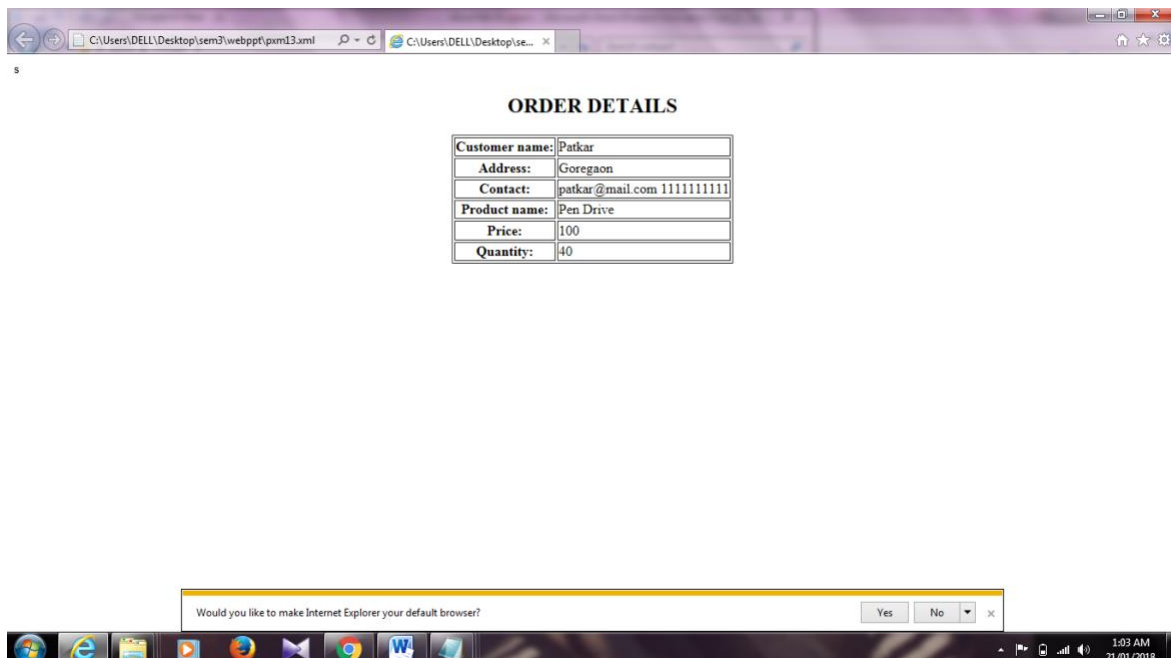
</html>

</xsl:template>

</xsl:stylesheet>

```

Output:



Practical 14

Aim: Design XML Schema and corresponding XML document.

Code:

Order.xml:

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

<shiporder orderid="889923"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:noNamespaceSchemaLocation="shiporder.xsd">

  <orderperson>John Smith</orderperson>

  <shipto>

    <name>Ola Nordmann</name>

    <address>Langgt 23</address>

    <city>4000 Stavanger</city>

    <country>Norway</country>

  </shipto>

  <item>

    <title>Empire Burlesque</title>

    <note>Special Edition</note>

    <quantity>1</quantity>

    <price>10.90</price>

  </item>

  <item>

    <title>Hide your heart</title>

    <quantity>1</quantity>
```

```
<price>9.90</price>
</item>
</shiporder>
```

shiporder.xsd:

```
<?xml version="1.0" encoding="UTF-8" ?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:element name="shiporder">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="orderperson" type="xs:string"/>
        <xs:element name="shipto">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="name" type="xs:string"/>
              <xs:element name="address" type="xs:string"/>
              <xs:element name="city" type="xs:string"/>
              <xs:element name="country" type="xs:string"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="item" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="title" type="xs:string"/>
              <xs:element name="note" type="xs:string" minOccurs="0"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```

```

<xs:element name="quantity" type="xs:positiveInteger"/>

<xs:element name="price" type="xs:decimal"/>

</xs:sequence>

</xs:complexType>

</xs:element>

</xs:sequence>

<xs:attribute name="orderid" type="xs:string" use="required"/>

</xs:complexType>

</xs:element>

</xs:schema>

```

Output:

