EXPERIMENT-1A DATE:9/4/22

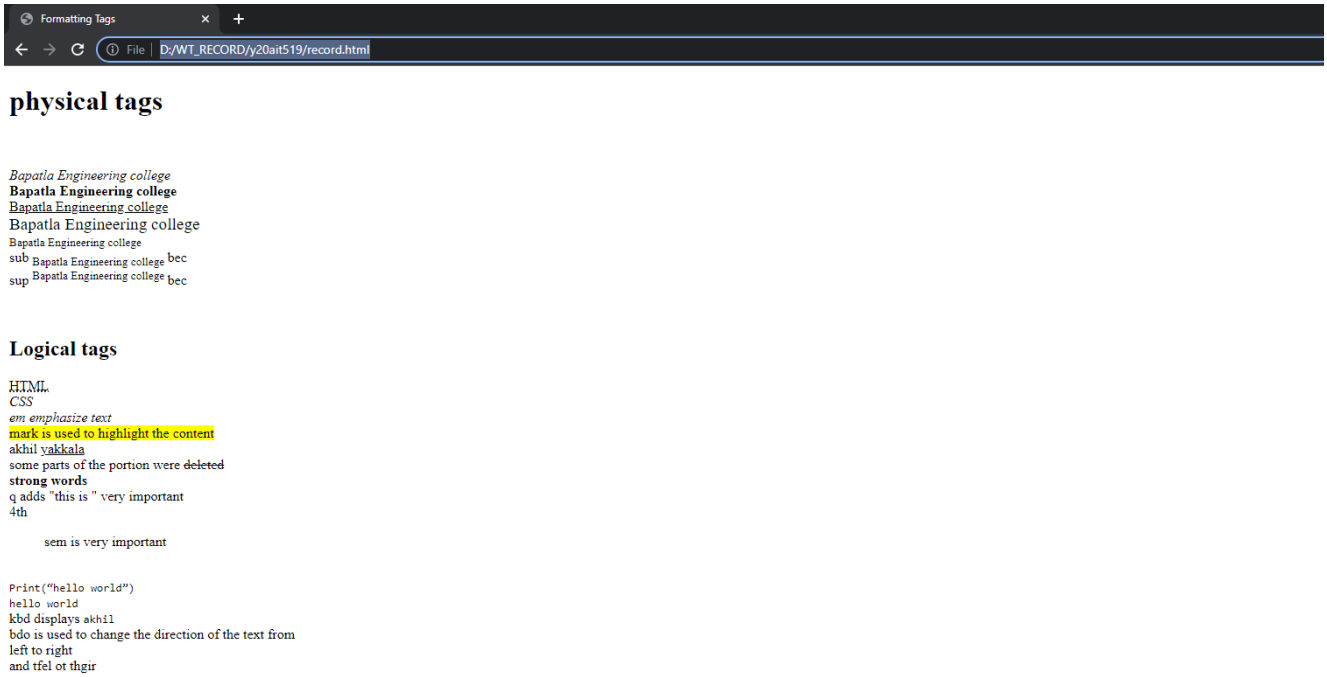
Aim: To design a webpage to demonstrate Physical Formatting Tags.

Source code:

```
<!DOCTYPE html>
<html>
    <head>
        <title>Physical Formatting Tags</title>
    </head>
    <body>
        <h1>physical tags</h1><br><br>
        <i>Bapatla Engineering college</i><br>
        <b> Bapatla Engineering college </b><br>
        <u> Bapatla Engineering college </u><br>
        <big> Bapatla Engineering college </big><br>
        <small> Bapatla Engineering college </small><br>
        sub<sub> Bapatla Engineering college </sub>bec<br>
        sup<sup> Bapatla Engineering college </sup>bec<br><br><br>
        <h2>Logical tags</h2>
        <abbr title="Hyper Text Markup Language">HTML</abbr><br>
        <dfn title="Cascading Style Sheets">CSS</dfn><br>
        <em>em  emphasize text</em><br>
        <mark>mark is used to highlight the content</mark><br>
        akhil <ins>yakkala</ins><br>
        some parts of the portion were <del>deleted</del><br>
```

```
<strong>strong words</strong><br>

q adds <q>this is  </q> very important<br>

4th <blockquote>sem is very important</blockquote><br>

<code>

        Print("hello world")

</code><br>

<samp> hello world</samp><br>

kbd displays <kbd> akhil</kbd><br>

bdo is used to change the direction of the text from<br><bdo dir="ltr"> left to
right</bdo><br> and <bdo dir="rtl"> right to left</bdo><br>

    </body>

</html>
```

Output:


Formatting Tags
File
D:/WT_RECORD/y20ait519/record.html
physical tags
Bapatla Engineering college
Bapatla Engineering college
Bapatla Engineering college
Bapatla Engineering college
Bapatla Engineering college
sub Bapatla Engineering college bec
sup Bapatla Engineering college bec
Logical tags
HTML
CSS
em emphasize text
mark is used to highlight the content
akhil yakkala
some parts of the portion were deleted
strong words
q adds "this is " very important
4th
sem is very important
Print("hello world")
hello world
kbd displays akhil
bdo is used to change the direction of the text from
left to right
and tfel ot thgir

EXPERIMENT-1B DATE:9/4/22

Aim: To design a Webpage to demonstrate various lists in HTML.

Source code:

```
<!DOCTYPE html>
<html>
    <head>
        <title>Types of lists</title>
    </head>
    <body>
        <h3>ordered lists</h3>
        <ol>
            <li>cats</li>
            <li>dogs</li>
            <li>wolfs</li>

        </ol>
        <h3>Unordered lists</h3>
        <ul>
            <li>Labrador retriever </li>
            <li>golden retriever</li>
            <li>doberman</li>
            <li>pug</li>
        </ul>
        <h3>Description lists</h3>
        <dl>
            <dt>persian</dt>
            <dd>cat</dd>
```

```
                    <dt>Egyptian</dt>
                    <dd>cat</dd>
                    <dt>street</dt>
                    <dd>cat</dd>
                </dl>
        </body>
</html>
```

Output:

ordered lists

1. cats
2. dogs
3. wolfs

Unordered lists

- Labrador retriever
- golden retriever
- doberman
- pug

Description lists

persian
: cat breed

street
: cat breed

street
: cat breed

EXPERIMENT-1C DATE:16/4/22

Aim: Design a webpage to create timetable.

Source code:

```
<!DOCTYPE html>
<html>
  <body>
    <div  style=”width:100%” align=”center”>
      <img align="right" src="capture.png" width="150" height="110">
      <img align="left" src="logo.jfif" width="150" height="110">
      <h2 align="center">Bapatla Engineering College::bapatla</h2>
      <p align="center">(Autonomous)</p>
      <p align="center">Department of Information Technology</p>
      <p align="center" style="color:red">Class Time Tables for the <mark><u
      style="color:red">A.Y 2021-22,IV Semester</u></mark></p><hr>
      <table border="1">
                  <pre><p>  w.e.f: <b>28-03-2022</b>    class:<b> II B.Tech,IT</b>
                   section:<b>A</b>       Room No: <b>RPLH-03</b></p></pre>
                   <tr col style="background-color:orange">
                        <th>Day</th>
                        <th>7:30-8:20</th>
                        <th>8:20-9:10</th>
                        <th>9:10-10:00</th>
                        <td rowspan="7" col style="background-
                        color:orange">break</td>
                        <th>10:30-11:20</th>
                        <th>11:20-12:10</th>
                        <th>12:10-1:00</th>
```

```
</tr>
<tr>
<th col style="background-color:orange">Mon</th>
<td align="center">PEHV</td>
<td align="center">DAA</td>
<td align="center">Python Programming</td>
<td align="center">WT</td>
<td align="center">P&S </td>
<td align="center">DBMS</td>
</tr>
<tr>
<th col style="background-color:orange">Tues</th>
<td align="center" colspan="3"><- WT/RDBMS Lab -></td>
<td align="center">DBMS</td>
<td align="center">Python Programming</td>
<td align="center">WT</td>
</tr>
<tr>
<th col style="background-color:orange">Wed</th>
<td align="center">P&S </td>
<td align="center">DAA</td>
<td align="center">WT</td>
<td align="center" colspan="3"><- RDBMS/Python Prog.Lab
></td>
</tr>
<tr>
<th col style="background-color:orange">Thu</th>
```

```
                    <td align="center">PEHV</td>
                    <td align="center">Python Programming</td>
                    <td align="center">DBMS</td>
                    <td align="center">P&S </td>
                    <td align="center">WT</td>
                    <td align="center">DAA</td>
                </tr>
                <tr>
                    <th col style="background-color:orange">Fri</th>
                    <td align="center" colspan="3"><- Python Prog./WT Lab -
></td>
                    <td align="center">PEHV</td>
                    <td align="center">DAA</td>
                    <td align="center">DBMS</td>
                </tr>
                <tr>
                    <th col style="background-color:orange">Sat</th>
                    <td align="center">DAA</td>
                    <td align="center">DBMS</td>
                    <td align="center">P&S  </td>
                    <td align="center">PEHV</td>
                    <td align="center">WT</td>
                    <td align="center" style="background-
color:green">Mentoring</td>
                </tr>
        </table>
```

```
<pre><p> <mark style="background-color:aqua">Section Coordinator:Mr.K.Suresh Kumar,Asst.Professor</p></pre>

<table>
    <tr col style="background-color:orange">
        <th>Sub.Code</th>
        <th>Sub.Name</th>
        <th>Faculty Name</th>
        <th>Sub.Code</th>
        <th>Sub.Name</th>
        <th>Faculty Name</th>
    </tr>
    <tr>
        <th>20IT401/MA03</th>
        <td>P&S </td>
        <td>Mr.I.Pothuraju</td>
        <th>20ITL401</th>
        <td>WT Lab</td>
        <td>Mr.Sk.Mabasha</td>
    </tr>
    <tr>
        <th>20IT402</th>
        <td>WT</td>
        <td>Mr.Sk.Mabasha</td>
        <th>20ITL402</th>
        <td>RDBMS Lab</td>
        <td>Mr.P.Ravi Kumar</td>
    </tr>
```

```
                <tr>
                        <th>20IT403</th>
                        <td>DBMS</td>
                        <td>Mr.P.Ravi Kumar</td>
                        <th>20ITL403/SO02</th>
                        <td>Python Prog.Lab</td>
                        <td>Mr.K.Suresh Kumar</td>
                </tr>
                <tr>
                        <th>20IT404</th>
                        <td>DAA </td>
                        <td>Prof.N.Sivaram Prasad</td>

                </tr>
                <tr>
                        <th>MC02</th>
                        <td>PEHV </td>
                        <td>Dr.K.Srinivasa Rao</td>
                </tr>
            </table>
            <table border="1"><hr>
            <pre><p>  w.e.f: <b>28-03-2022</b>          class:<b> II B.Tech,IT</b>
section:<b>B</b>      Room No: <b>RPLH-04</b></p></pre>
                <tr col style="background-color:orange">
                        <th>Day</th>
                        <th>7:30-8:20</th>
                        <th>8:20-9:10</th>
```

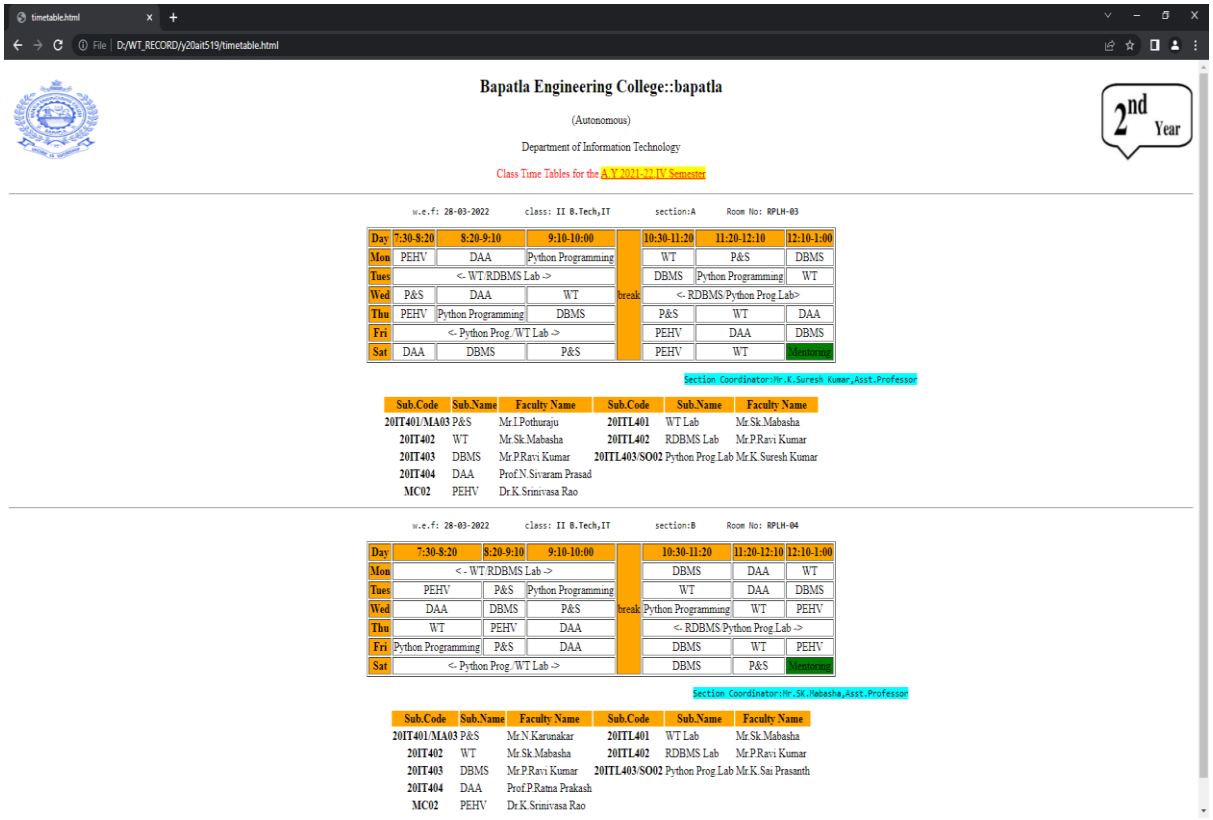
```
                    <th>9:10-10:00</th>
                    <td rowspan="7" col style="background-
color:orange">break</td>
                    <th>10:30-11:20</th>
                    <th>11:20-12:10</th>
                    <th>12:10-1:00</th>
                </tr>
                <tr>
                    <th col style="background-color:orange">Mon</th>
                    <td align="center" colspan="3"><- WT/RDBMS Lab -></td>
                    <td align="center">DBMS</td>
                    <td align="center">DAA</td>
                    <td align="center">WT</td>
                </tr>
                <tr>
                    <th col style="background-color:orange">Tues</th>
                    <td align="center">PEHV</td>
                    <td align="center">P&S</td>
                    <td align="center">Python Programming</td>
                    <td align="center">WT</td>
                    <td align="center">DAA</td>
                    <td align="center">DBMS</td>
                </tr>
                <tr>
                    <th col style="background-color:orange">Wed</th>
                    <td align="center">DAA </td>
                    <td align="center">DBMS</td>
```

```
                    <td align="center">P&S </td>
                    <td align="center">Python Programming</td>
                    <td align="center">WT</td>
                    <td align="center">PEHV</td>
                </tr>
                <tr>
                    <th col style="background-color:orange">Thu</th>
                    <td align="center">WT</td>
                    <td align="center">PEHV</td>
                    <td align="center">DAA</td>
                    <td align="center" colspan="3"> <- RDBMS/Python Prog.Lab
->></td>
                </tr>
                <tr>
                    <th col style="background-color:orange">Fri</th>
                    <td align="center">Python Programming</td>
                    <td align="center">P&S </td>
                    <td align="center">DAA</td>
                    <td align="center">DBMS</td>
                    <td align="center">WT</td>
                    <td align="center">PEHV</td>
                </tr>
                <tr>
                    <th col style="background-color:orange">Sat</th>
                    <td align="center" colspan="3"><- Python Prog./WT Lab -
></td>
                    <td align="center">DBMS</td>
                    <td align="center">P&S </td>
```

```
                    <td align="center" style="background-
color:green">Mentoring</td>
                </tr>
</table>
            <pre><p>                                                    <mark
style="background-color:aqua">Section
Coordinator:Mr.SK.Mabasha,Asst.Professor</p></pre>
            <table>
                <tr col style="background-color:orange">
                    <th>Sub.Code</th>
                    <th>Sub.Name</th>
                    <th>Faculty Name</th>
                    <th>Sub.Code</th>
                    <th>Sub.Name</th>
                    <th>Faculty Name</th>
                </tr>
                <tr>
                    <th>20IT401/MA03</th>
                    <td>P&S </td>
                    <td>Mr.N.Karunakar</td>
                    <th>20ITL401</th>
                    <td>WT Lab</td>
                    <td>Mr.Sk.Mabasha</td>
                </tr>
                <tr>
                    <th>20IT402</th>
                    <td>WT</td>
                    <td>Mr.Sk.Mabasha</td>
```

```
                    <th>20ITL402</th>
                    <td>RDBMS Lab</td>
                    <td>Mr.P.Ravi Kumar</td>
                </tr>
                <tr>
                    <th>20IT403</th>
                    <td>DBMS</td>
                    <td>Mr.P.Ravi Kumar</td>
                    <th>20ITL403/SO02</th>
                    <td>Python Prog.Lab</td>
                    <td>Mr.K.Sai Prasanth</td>
                </tr>
                <tr>
                    <th>20IT404</th>
                    <td>DAA </td>
                    <td>Prof.P.Ratna Prakash</td>

                </tr>
                <tr>
                    <th>MC02</th>
                    <td>PEHV </td>
                    <td>Dr.K.Srinivasa Rao</td>
                </tr>
            </table>
        </div>
    </body>
</html>
```

OUTPUT:



timetable.html

File | D:/WT_RECORD/y20ait519/timetable.html

Bapatla Engineering College::bapatla

(Autonomous)

Department of Information Technology

2nd Year

Class Time Tables for the A.Y 2021-22 IV Semester

w.e.f: 28-03-2022 class: II B.Tech,IT section:A Room No: RPLH-03

Day	7:30-8:20	8:20-9:10	9:10-10:00		10:30-11:20	11:20-12:10	12:10-1:00
Mon	PEHV	DAA	Python Programming		WT	P&S	DBMS
Tues	<- WT/RDBMS Lab ->				DBMS	Python Programming	WT
Wed	P&S	DAA	WT	break	<- RDBMS/Python Prog Lab>		
Thu	PEHV	Python Programming	DBMS		P&S	WT	DAA
Fri	<- Python Prog./WT Lab ->				PEHV	DAA	DBMS
Sat	DAA	DBMS	P&S		PEHV	WT	Mentoring

Section Coordinator:Mr.K.Suresh Kumar,Asst.Professor

Sub.Code	Sub.Name	Faculty Name	Sub.Code	Sub.Name	Faculty Name
20IT401/MA03	P&S	Mr.I.Pothuraju	20ITL401	WT Lab	Mr.Sk.Mabasha
20IT402	WT	Mr.Sk.Mabasha	20ITL402	RDBMS Lab	Mr.P.Ravi Kumar
20IT403	DBMS	Mr.P.Ravi Kumar	20ITL403/SO02	Python Prog Lab	Mr.K.Suresh Kumar
20IT404	DAA	Prof.N.Sivaram Prasad			
MC02	PEHV	Dr.K.Srinivasa Rao			

w.e.f: 28-03-2022 class: II B.Tech,IT section:B Room No: RPLH-04

Day	7:30-8:20	8:20-9:10	9:10-10:00		10:30-11:20	11:20-12:10	12:10-1:00
Mon	<- WT/RDBMS Lab ->				DBMS	DAA	WT
Tues	PEHV	P&S	Python Programming		WT	DAA	DBMS
Wed	DAA	DBMS	P&S	break	Python Programming	WT	PEHV
Thu	WT	PEHV	DAA		<- RDBMS/Python Prog Lab ->		
Fri	Python Programming	P&S	DAA		DBMS	WT	PEHV
Sat	<- Python Prog./WT Lab ->				DBMS	P&S	Mentoring

Section Coordinator:Mr.SK.Mabasha,Asst.Professor

Sub.Code	Sub.Name	Faculty Name	Sub.Code	Sub.Name	Faculty Name
20IT401/MA03	P&S	Mr.N.Karunakar	20ITL401	WT Lab	Mr.Sk.Mabasha
20IT402	WT	Mr.Sk.Mabasha	20ITL402	RDBMS Lab	Mr.P.Ravi Kumar
20IT403	DBMS	Mr.P.Ravi Kumar	20ITL403/SO02	Python Prog Lab	Mr.K.Sai Prasanth
20IT404	DAA	Prof.P.Ratna Prakash			
MC02	PEHV	Dr.K.Srinivasa Rao			

EXPERIMENT-2A DATE:23/4/22

Aim: To design a webpage to demonstrate internal link, external link and image as a link.

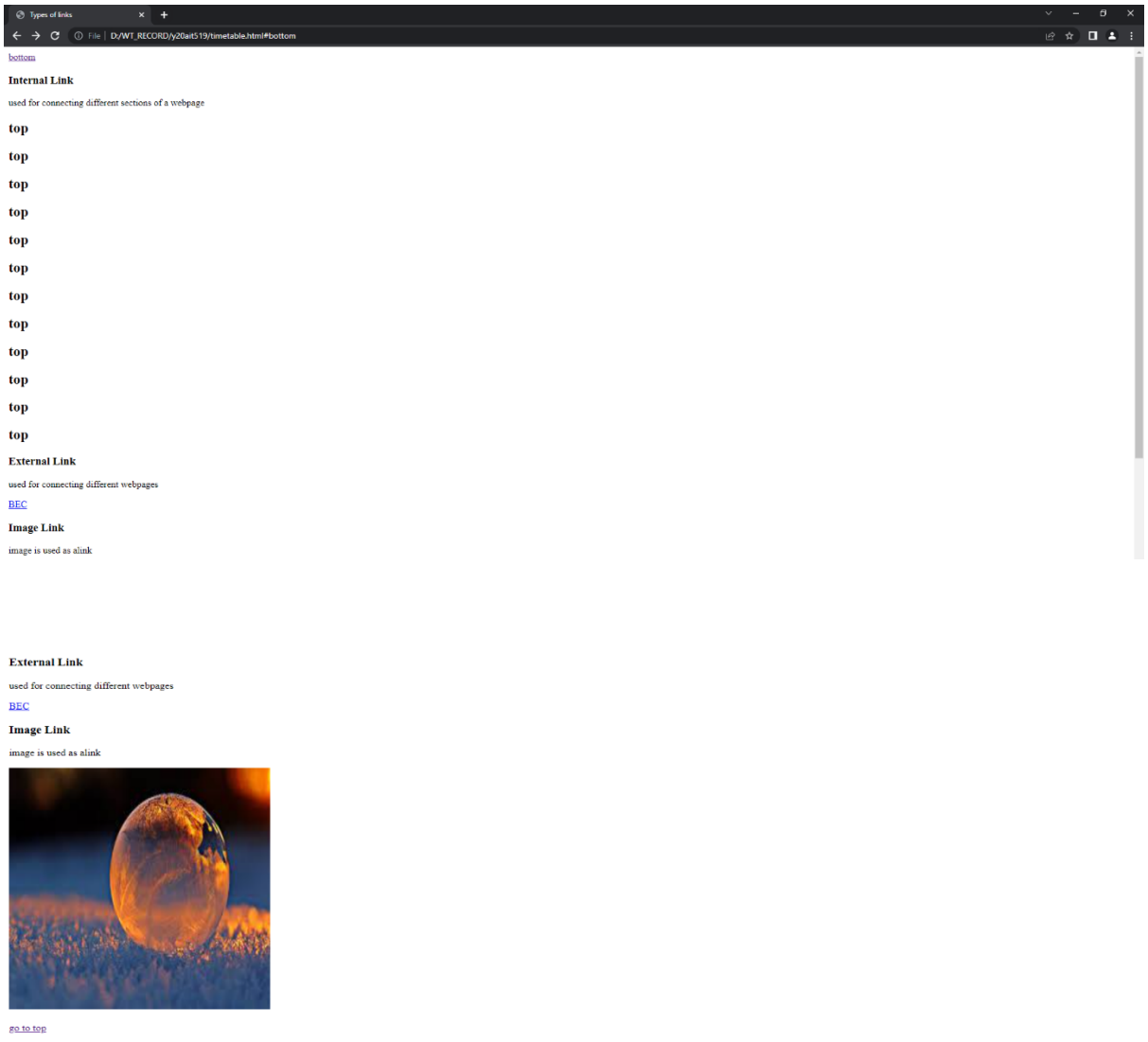
Source code:

```
<!DOCTYPE html>
<html>
    <head>
        <title>Types of links</title>
    </head>
    <body>
        <a href="#bottom">go to bottom</a>
        <h3>Internal Link</h3>

        <p>used for connecting different sections of a webpage</p>
        <a id="top"></a>
        <h2>top</h2>
        <h2>top</h2>
        <h2>top</h2>
        <h2>top</h2>
        <h2>top</h2>
        <h2>top</h2>
        <h2>top</h2>
        <h2>top</h2>
        <h2>top</h2>
        <h2>top</h2>
        <h2>top</h2>
        <h2>top</h2>
```

```
<h3>External Link</h3>
<p>used to connect different web pages</p>
<a href="http://becbapatla.ac.in">BEC</a>
<h3>Image Link</h3>
<p>using image as link</p>
<a href="http://www.google.com"><img src="nature.jpg" width="100"
height="100"/></a><br><br>
<a href="#top">go to top</a>
<a id="bottom"></a>
</body>
</html>
```

OUTPUT:

Internal link:



External link:

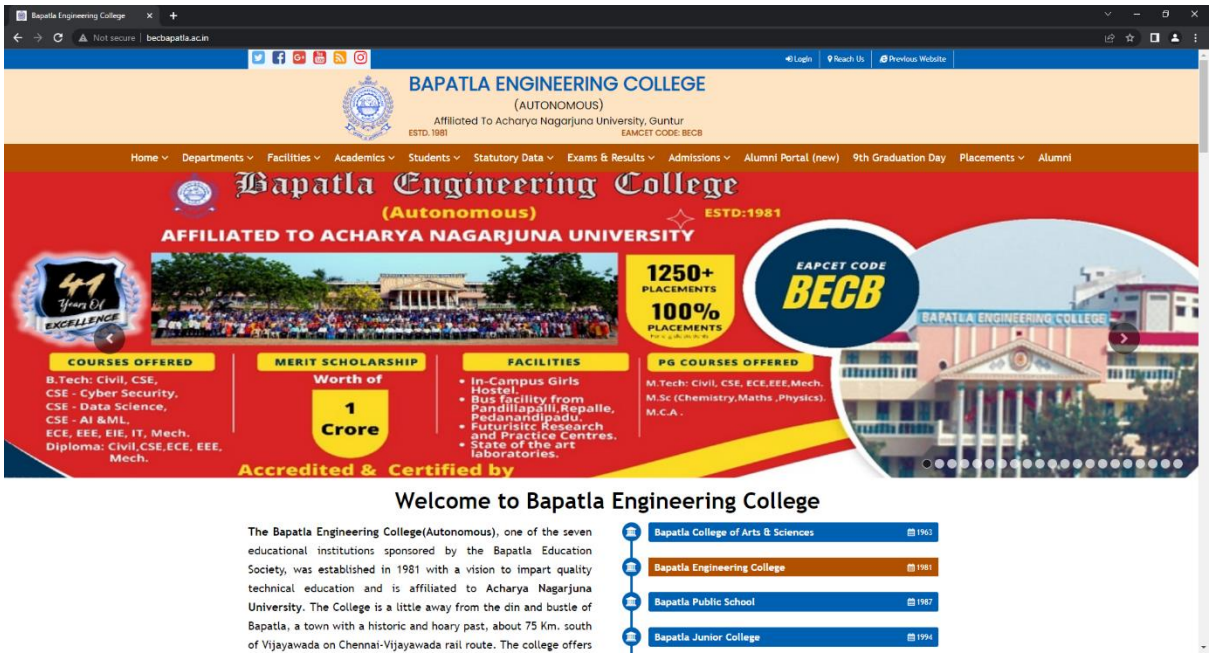
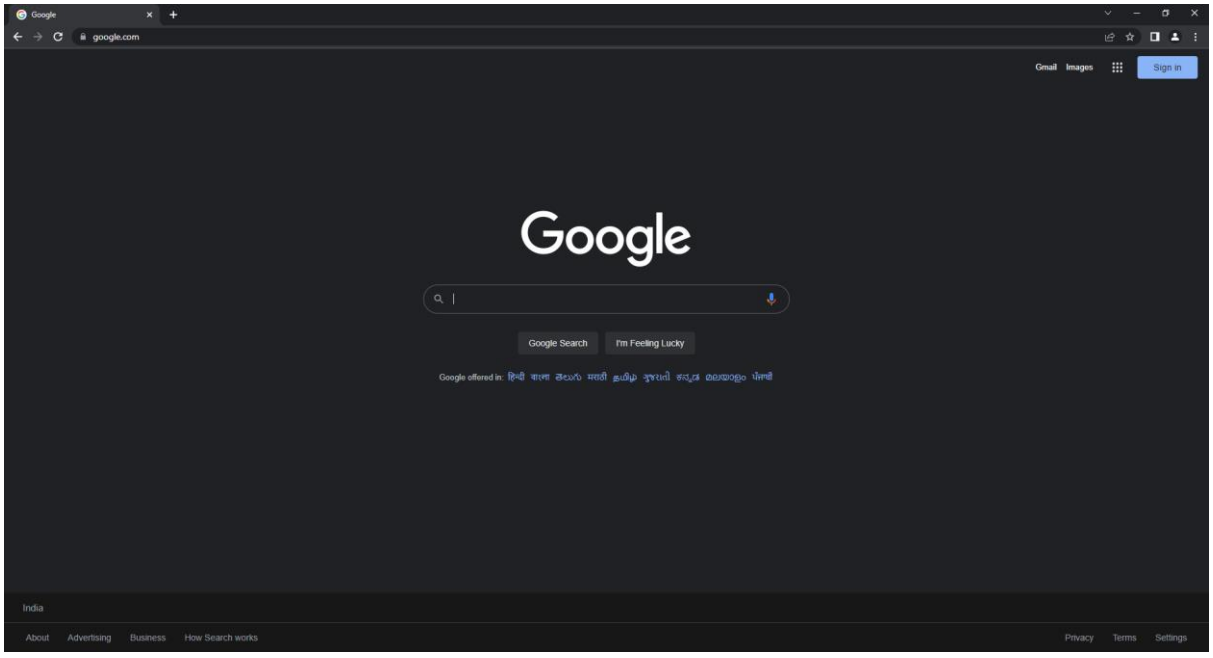


Image as link:



EXPERIMENT-2B DATE:30/4/22

Aim: To design a webpage to demonstrate Id tag using frames.

Source code:

```
<!DOCTYPE html>
<html>
    <head>
        <title></title>
    </head>
        <frameset rows="20%,80%" border="2">
            <frame name="header" src="1.html">
            <frameset cols="50%,50%">
                <frame name="aside" src="2.html">
                <frame name="section">
            </frameset>
        </frameset>
</html>
```

1.html:

```
<!DOCTYPE html>
<html>
    <body>
        <h1>Welcome to Frames<h1>
    </body>
<html>
```

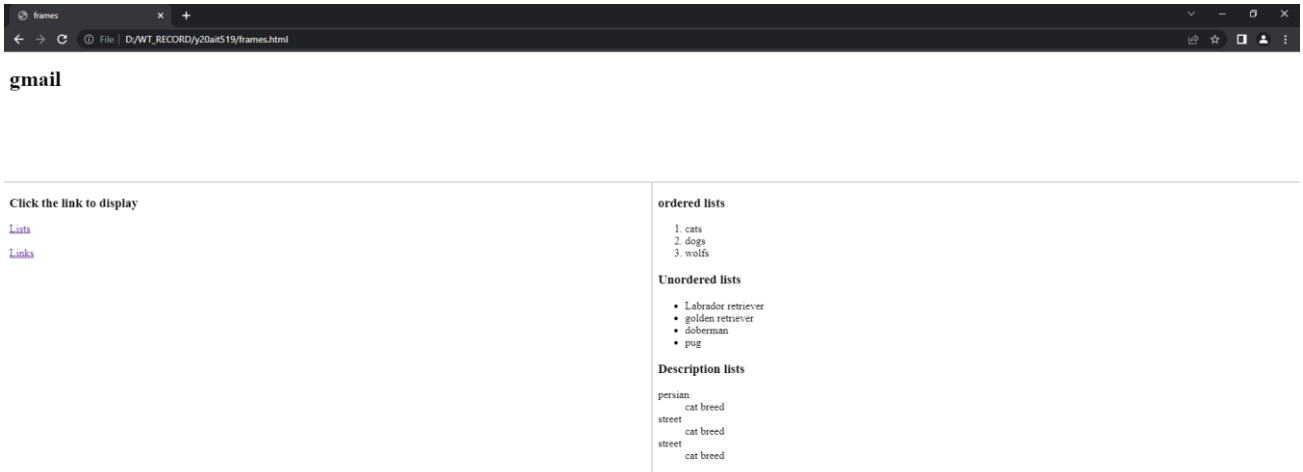
2.html:

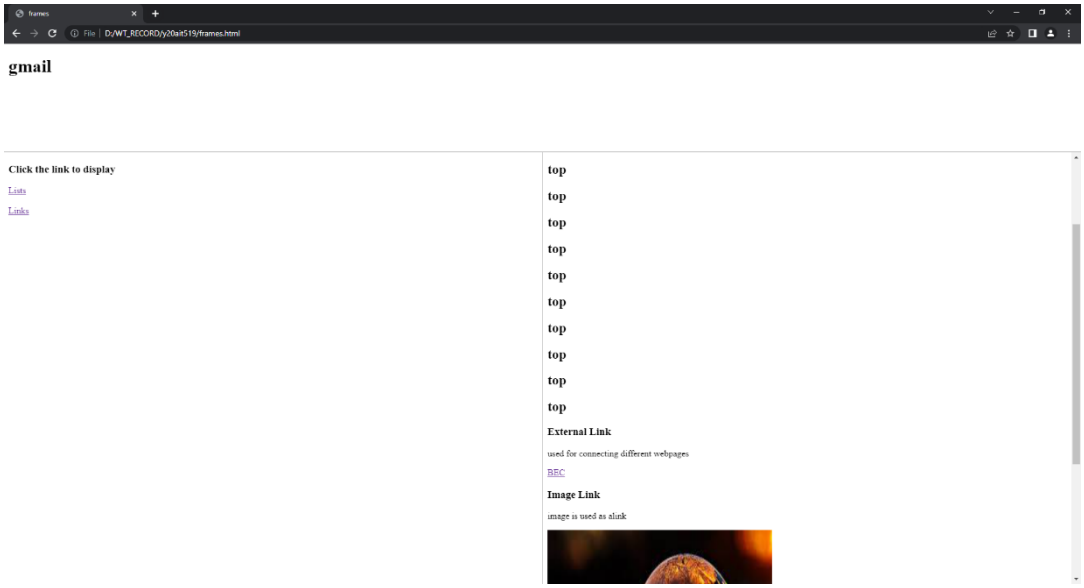
```
<!DOCTYPE html>
<html>
```

```
    <body>
        <h3>Click the link to display</h3>
        <a href="list.html" target="section">Lists</a><br><br>
        <a href="link.html" target="section">Links</a>
    </body>
<html>
```

Output:

When clicked on Lists:





When clicked on Links:

EXPERIMENT-2C DATE:30/4/22

Aim: Design a webpage to demonstrate image map creation.

Source code:

```
<!DOCTYPE html>
<html>
    <head>
        <title>image map</title>
    </head>
    <body>
        <h1>INDIA</h1>
        <img src="Indiamap.jpg" usemap="#India">
        <map name="India">
            <area shape="circle" coords="210,510,30" href="https://ap.nic.in/">
            <area shape="circle" coords="210,450,30"
href="https://tsonline.gov.in/TGPortal/Index.aspx">
            <area shape="circle" coords="270,370,40"
href="https://chhattisgarh.nic.in/">
            <area shape="circle" coords="300,370,50"
href="https://odisha.gov.in/">
            <area shape="circle" coords="150,510,30"
href="https://www.karnataka.gov.in/english">
            <area shape="circle" coords="125,420,50"
href="https://maharashtra.gov.in/1125/Home">
            <area shape="circle" coords="180,600,20"
href="https://keralacm.gov.in/">
            <area shape="circle" coords="210,600,30"
href="https://www.tn.gov.in/">
            <area shape="circle" coords="210,350,40" href="https://mp.gov.in/">
            <area shape="circle" coords="100,350,40"
href="https://gujaratindia.gov.in/">
```

```
                <area shape="circle" coords="100,250,40"
href="https://rajasthan.gov.in/">

                <area shape="circle" coords="250,250,40"
href="https://up.gov.in/en">

                <area shape="circle" coords="330,250,40"
href="https://state.bihar.gov.in/main/CitizenHome.html">

                <area shape="circle" coords="350,290,40"
href="https://www.jharkhand.gov.in/">

                <area shape="circle" coords="400,320,20" href="https://wb.gov.in/">

                <area shape="circle" coords="390,250,30"
href="https://meghalaya.gov.in/">

                <area shape="circle" coords="400,200,40"
href="https://sikkim.gov.in/">

                <area shape="circle" coords="470,220,40"
href="https://assam.gov.in/">

                <area shape="circle" coords="550,200,20"
href="https://www.arunachalpradesh.gov.in/">

                <area shape="circle" coords="550,230,20"
href="https://nagaland.gov.in/">

                <area shape="circle" coords="550,270,20"
href="https://manipur.nic.in/">

                <area shape="circle" coords="510,300,20"
href="https://mizoram.gov.in/">

                <area shape="circle" coords="490,300,20"
href="https://tripura.gov.in/">

                <area shape="circle" coords="220,200,40" href="https://uk.gov.in/">

                <area shape="circle" coords="150,500,30"
href="https://www.goa.gov.in/">

            </map>

        </body>

</html>
```

Output:

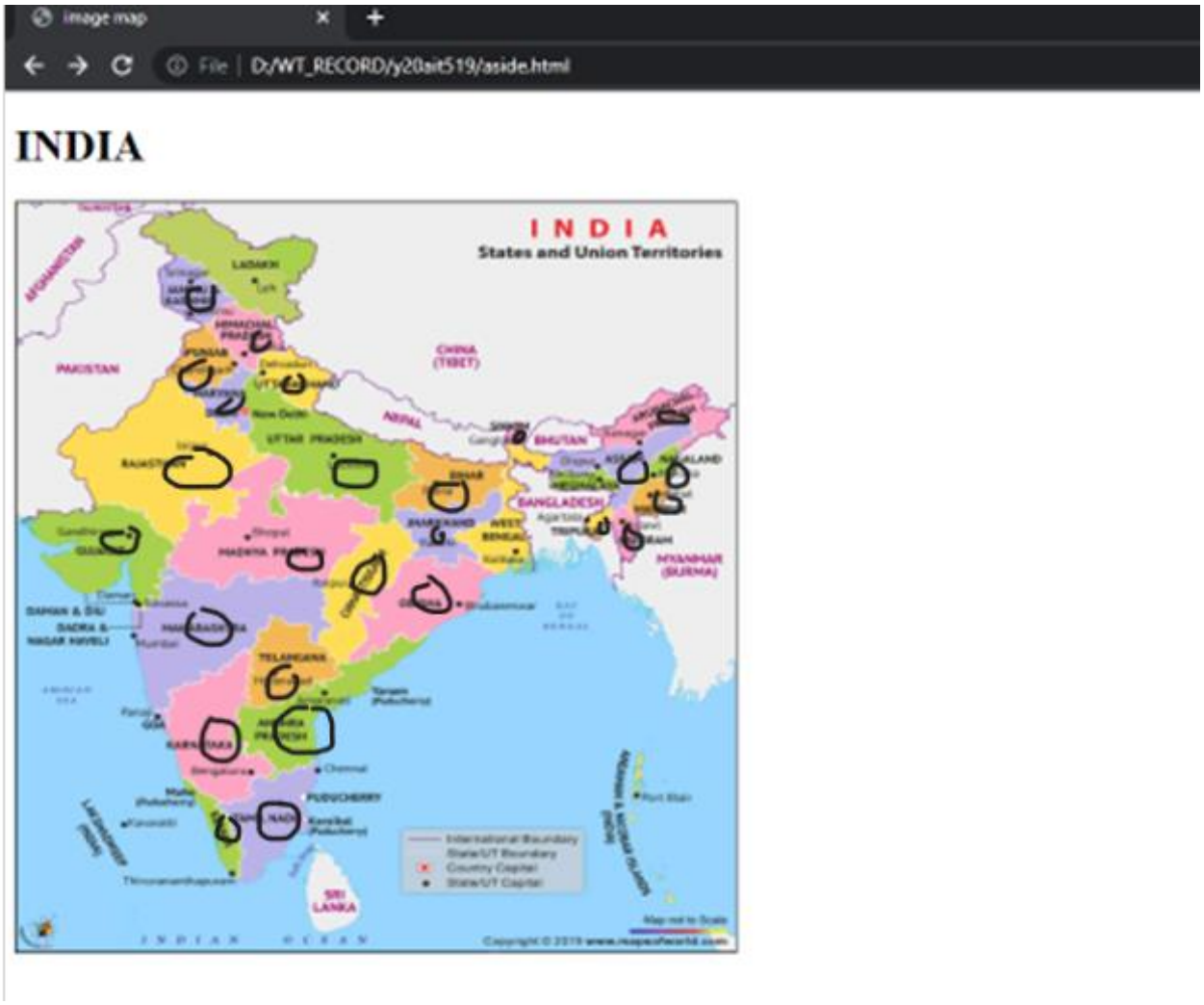
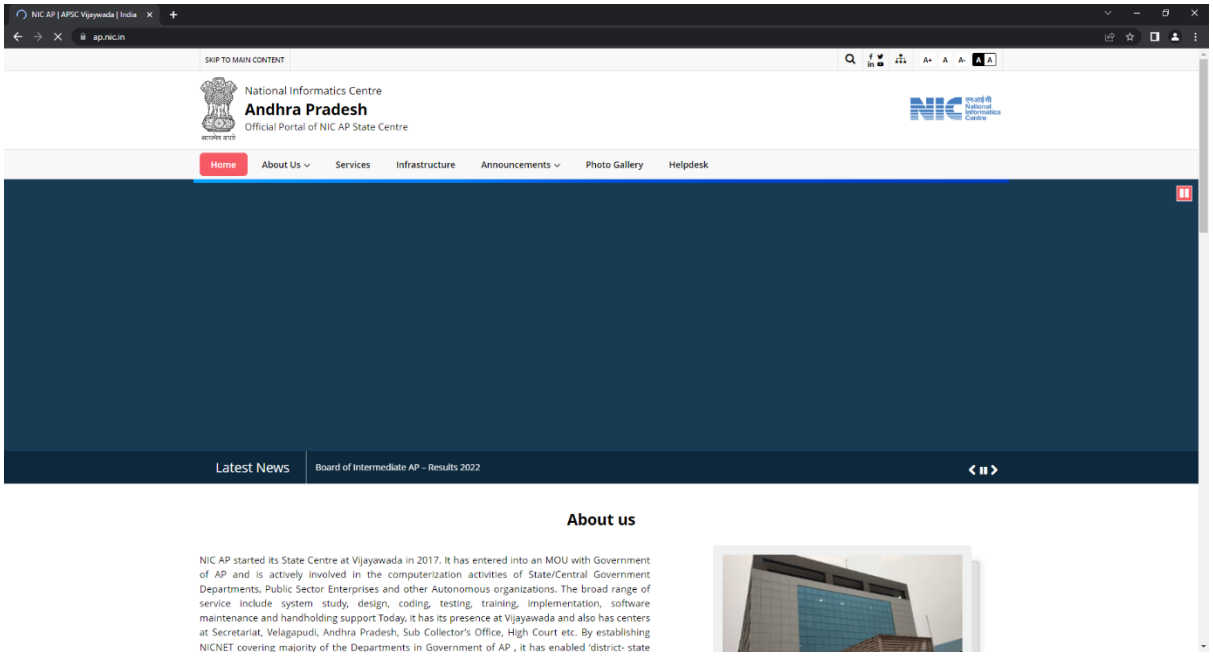
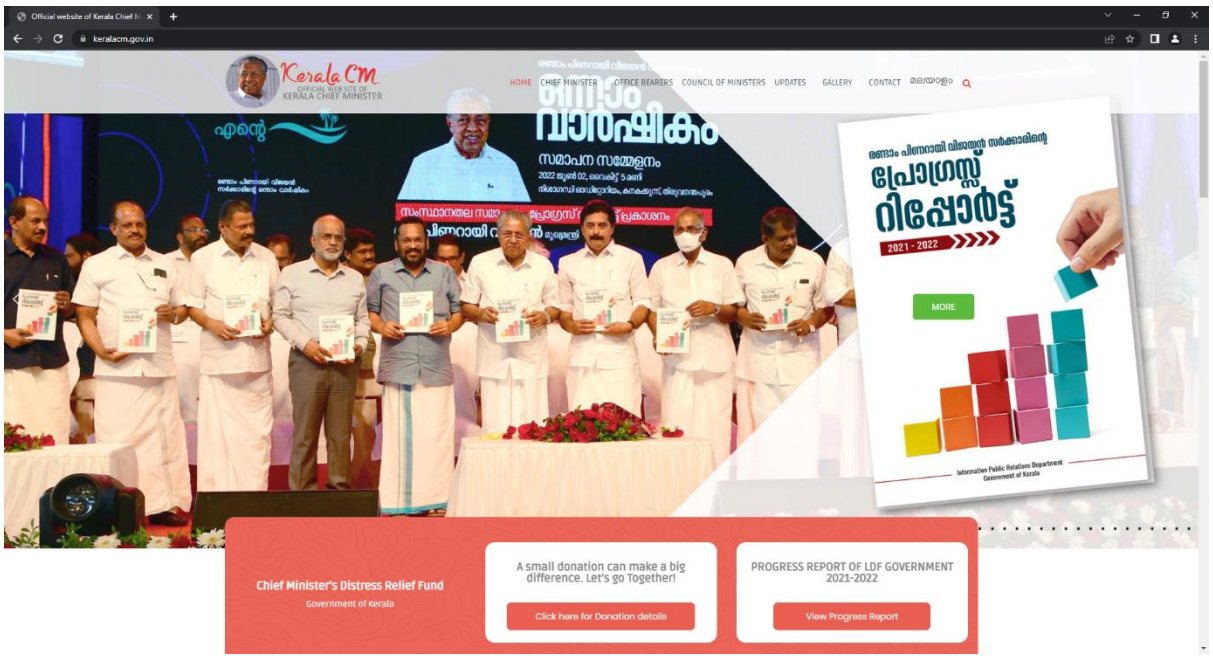


image map
File | D:/WT_RECORD/y20ait519/aside.html
INDIA
INDIA
States and Union Territories
PAKISTAN
CHINA (TIBET)
NEPAL
BHUTAN
BANGLADESH
MYANMAR (BURMA)
SRI LANKA
INDIAN OCEAN

When clicked on Andhra Pradesh,Ap website is opened



When we click on kerala, kerala website is opened.



EXPERIMENT-3A DATE:7/5/22

Aim: To design an HTML document to create registration form using all input fields.

Source code:

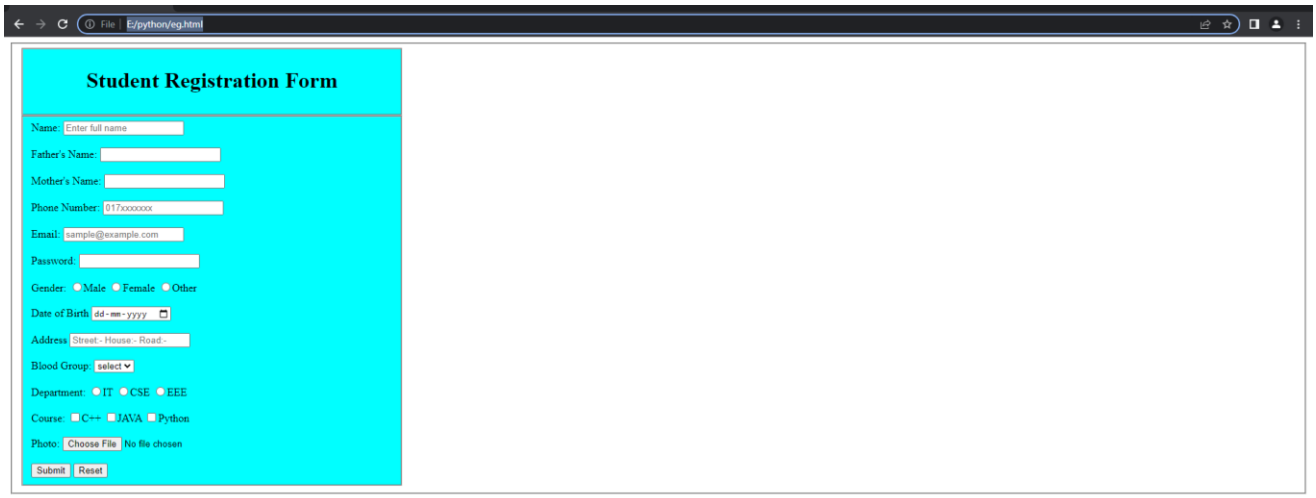
```
<!DOCTYPE html>
<html>
        <head>
                <title>Form</title>
        </head>
        <body >
         <fieldset>
         <div style=”width:30%”>
                <form>
                    <fieldset style="background-color:cyan">
                       <h1 align="center">Student Registration Form</h1>
                     </fieldset>
                      <fieldset   style="background-color:cyan">
                          <label>Name:</label>
                        <input type="text" placeholder="Enter full name" max-
size="20"><br><br>
                        <label>Father's Name:</label>
                         <input type="text" max-size="20"><br><br>
                         <label>Mother's Name:</label>
                          <input type="text" max-size="20"><br><br>
                           <label>Phone Number:</label>

                        <input type="tel" placeholder="017xxxxxxx" max-
size="10"><br><br>
```

```
 <label>Email:</label>
 <input type="email" placeholder="sample@example.com"><br><br>
 <label>Password:</label>
<input type="password"><br><br>
<label>Gender:</label>
<input type="radio" name="gender" value="Male">Male
 <input type="radio" name="gender" value="Female">Female
<input type="radio" name="gender" value="Other">Other<br><br>
<label>Date of Birth</label>
 <input type="date"><br><br>
 <label>Address</label>
 <input type="text" placeholder="Street:- House:- Road:-"><br><br>
<label>Blood Group:</label>
 <select>
        <option>select</option>
        <option>B+</option>
         <option>B-</option>
          <option>O+</option>
         <option>O-</option>
</select><br><br>
 <label>Department:</label>
 <input type="radio" name="Department" >IT
<input type="radio" name="Department" >CSE
 <input type="radio" name="Department" >EEE<br><br>
 <label>Course:</label>
  <input type="checkbox" name="Course" >C++
 <input type="checkbox" name="Course" >JAVA
```

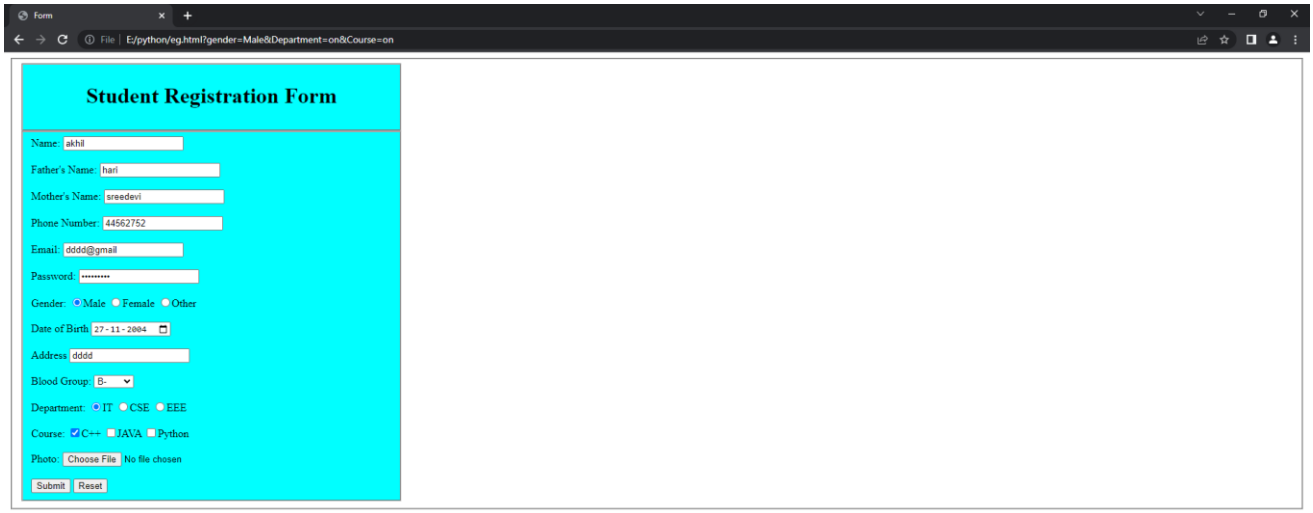
```
                    <input type="checkbox" name="Course" >Python<br><br>
                     <label>Photo:</label>
                    <input type="file"><br><br>
                    <input type="submit">
                    <input type="reset">
                </fieldset>
            </form>
        </div>
    </fieldset>
  </body>
</html>
```

OUTPUT:

Before filling



After filling



EXPERIMENT-3B DATE:7/5/22

Aim: Write an html document to create a form that demonstrate label, textarea, select ,legend ,option ,option group , fieldset.

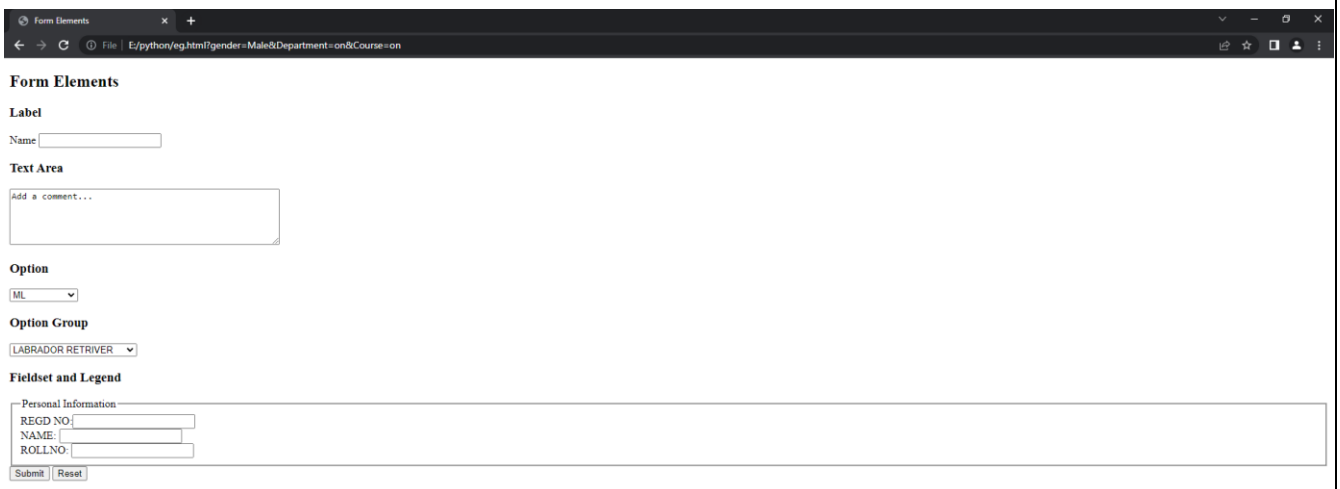
Source code:

```
<!DOCTYPE html>
<html>
    <head>
        <title>Form Elements</title>
    </head>
    <body>
        <h2>Form Elements</h2>
        <h3>Label</h3>
        <label>Name</label>
        <input type="text"/>
        <h3>Text Area</h3>
        <textarea rows="5" cols="50">Add a comment...</textarea>
        <form>
          <h3>Option</h3>
           <select>
                <option>ML</option>
                <option>IOT</option>
                <option>WEB 3.0</option>
                <option>OS DESIGN</option>
           </select>
           <h3>Option Group</h3>
            <select>
                <optgroup label="DOGS">
```

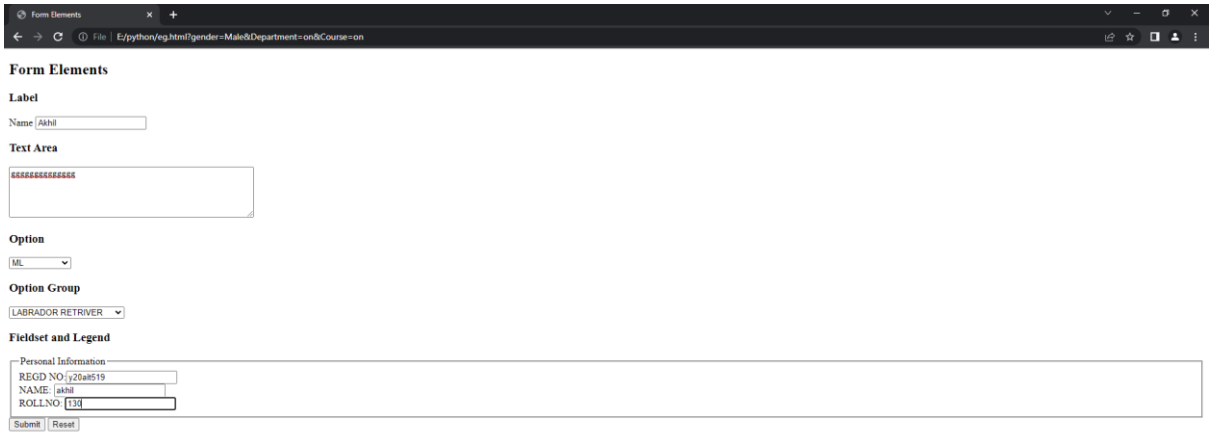
```
                    <option>LABRADOR RETRIVER</option>
                    <option>DOBERMAN</option>
                    <option>GERMAN SHEPARD</option>
                </optgroup>
                <optgroup label="WOLFS">
                    <option>SIBERIAN</option>
                    <option>FOX</option>
                    <option>JUNGLE</option>
                </optgroup>
            </select><br>
            <h3>Fieldset and Legend</h3>
            <fieldset>
                <legend>Personal Information</legend>
                REGD NO:<input type="text"><br>
                NAME:<input type="text"><br>
                ROLLNO:<input type="text"><br>
            </fieldset>
            <input type="submit">
            <input type="reset">


    </body>
</html>
```

Output:

Before filling



After filling



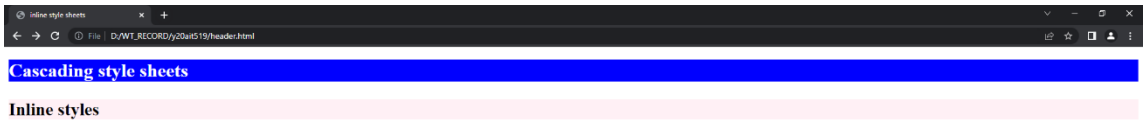
EXPERIMENT-4A(1) DATE:14/5/22

Aim: Design a webpage to demonstrate Inline Style sheet.

Source code:

```
<!DOCTYPE html>
<html>
	<head>
		<title>inline style sheets</title>
	</head>
	<body>
		<h1 style="color:white;background-color:#0000ff">Cascading style sheets</h1>
		<h3 style="font-size:30px;background-color:lavenderblush" >Inline styles </h3>

	</body>
</html>
```

Output:


inline style sheets
File D:/WT_RECORD/y20ait519/header.html
Cascading style sheets
Inline styles

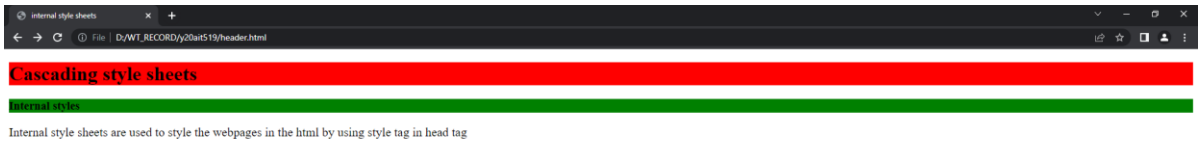
EXPERIMENT-4A(2) DATE:14/5/22

Aim: Design a webpage to demonstrate Internal Style Sheet.

Source code:

```
<!DOCTYPE html>
<html>
    <head>
        <title>internal style sheets</title>
        <style>
            h1{font-size:20;background:red;}
            h3{background-color:black;}
            p{font-size:20px;}
        </style>
    </head>
    <body>
        <h1>Cascading style sheets</h1>
        <h3>Internal styles </h3>
        <p>Internal style sheets are used to style the webpages in the html by using style tag in head tag</p>
    </body>
</html>
```

Output:


internal style sheets
File | D:/WT_RECORD/y20ait519/header.html
Cascading style sheets
Internal styles
Internal style sheets are used to style the webpages in the html by using style tag in head tag

EXPERIMENT-4A(3) DATE:14/5/22

Aim: Design a webpage to demonstrate External Style Sheet.

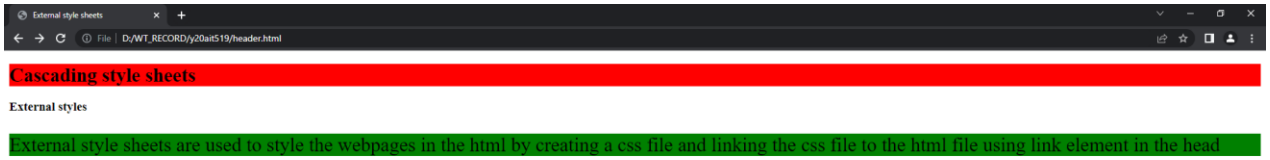
Source code:

```
<!DOCTYPE html>
<html>
    <head>
        <title>External style sheets</title>
        <link rel="stylesheet" type="text/css" href="style.css"/>
    </head>
    <body>
        <h1>Cascading style sheets</h1>
        <h3>External styles </h3>
        <p>External style sheets are used to style the webpages in the html by creating a css file and linking the css file to the html file using link element in the head</p>
    </body>
</html>
```

EXTERNAL CSS:

```
h1
{
Background-color:red;
Font-size:30px;
}
P
{
Background-color:green;
Fonr-size:30px;}
```

Output:


External style sheets
File | D:/WT_RECORD/y20ait519/header.html
Cascading style sheets
External styles
External style sheets are used to style the webpages in the html by creating a css file and linking the css file to the html file using link element in the head

EXPERIMENT-4B **DATE:14/5/22**

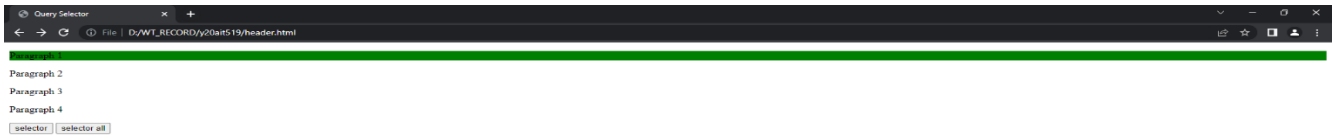
Aim: Write a JavaScript program to demonstrate query selector and query selector all.

Source code:

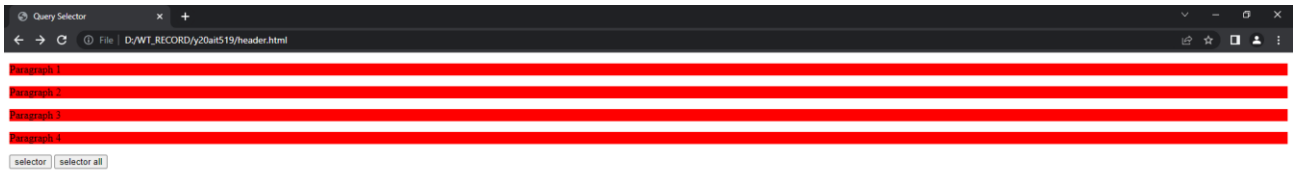
```
<!DOCTYPE html>
<html>
	<head>
		<title>Query Selector</title>
		<script>
			function change(){
				document.querySelector("p").style.background="green";
			}
			function changeall(){
				list=document.querySelectorAll("p");
				for(var i=0;i<list.length;i++){
					list[i].style.backgroundColor="red";}
			}
		</script>
	</head>
	<body>
		<p>Paragraph 1</p>
		<p>Paragraph 2</p>
		<p>Paragraph 3</p>
		<p>Paragraph 4</p>
		<button onclick="change()">selector</button>
		<button onclick="changeall()">selector all</button>
	</body>
</html>
```

Output:

Query selector:



Query selector all:



EXPERIMENT-5A **DATE:25/6/22**

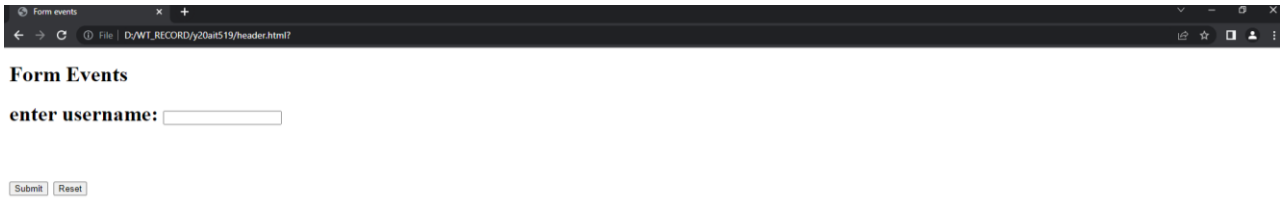
Aim: To write a JavaScript program to demonstrate Form events.

Source code:

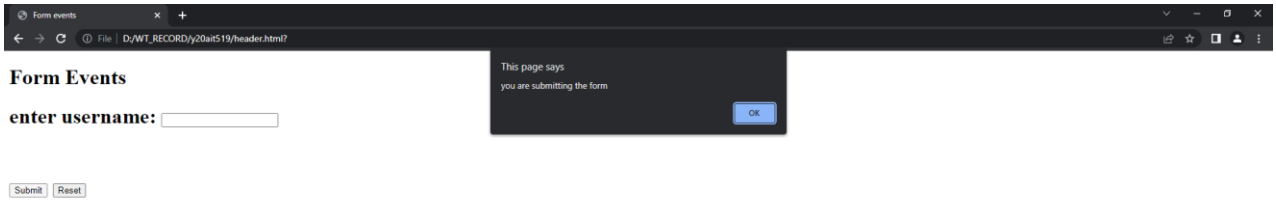
```
<!DOCTYPE html>
<html>
    <head>
        <title>Form events</title>
        <script type="text/javascript">
            function focus1(){
                document.getElementById("name").style.background="red";
            }
            function blur2(){
                document.getElementById("name").style.background="green";
            }
            function change2(){
                alert("you are changing the content");
            }
            function invalid2(){
                document.getElementById("msg").innerHTML="you cannot
                submit the form";
            }
            function submit2(){
                alert("you are submitting the form");
            }
            function reset2(){
                alert("you are resetting the form");
            }
```

```
        </script>
    </head>
    <body>
        <h1>Form Events<h1>
        <form onsubmit="submit2()" onreset="preset2()">
        <label>enter username:</label>
<input type="text" id="name" oninvalid="invalid2()"  onfocus="focus2()"
onblur="blur2()" onchange="change2()"><br>
        <p id="msg"></p><br>
        <input type="submit">
        <input type="reset">
        </form>
    </body>
</html>
```

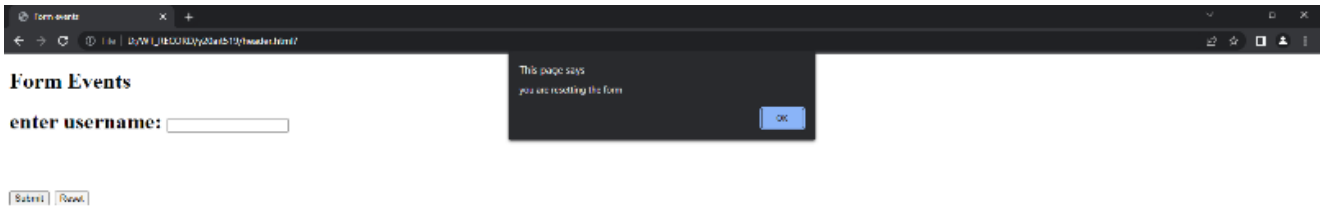
Output:



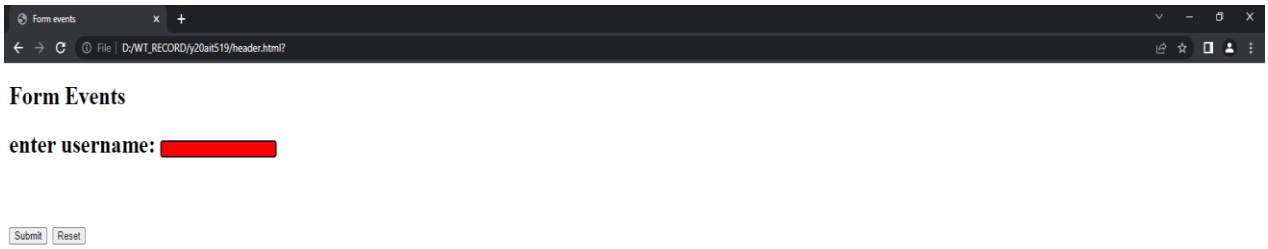
When submitted the form



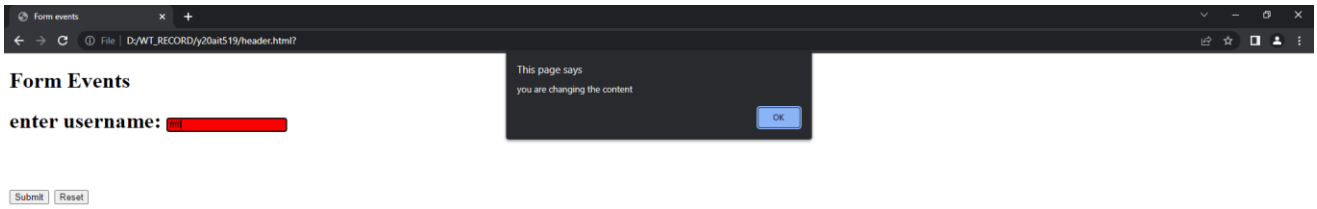
When reset the form



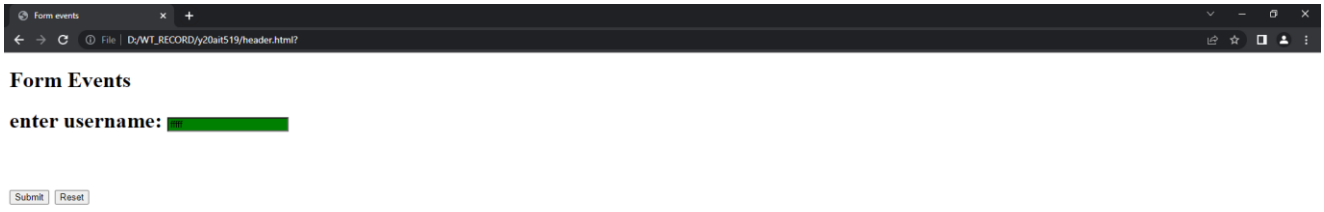
When focused



When trying to change the content



When the bar looses it's focus



EXPERIMENT-5B DATE:25/6/22

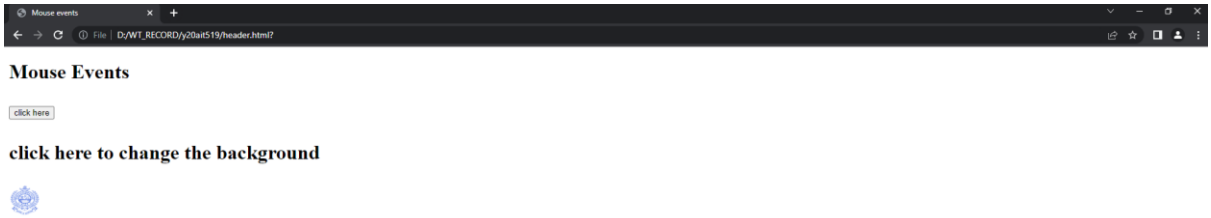
Aim: Write a JavaScript program to demonstrate Mouse Events.

Source code:

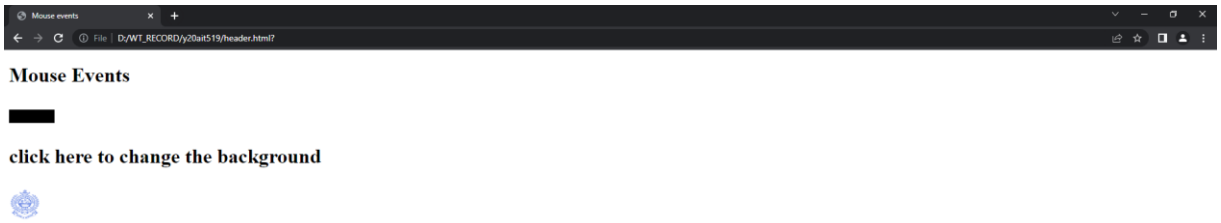
```
<!DOCTYPE html>
<html>
    <head>
        <title>Mouse events</title>
        <script type="text/javascript">
            function mousemove()
                {
                document.getElementById("click").innerHTML="hello";

                }
            function mouseclick(){
                document.getElementById("click").style.background="black";

            }
            function mousedblclick(){
                document.getElementById("click").style.background="green";
            }
            function mousedown(){
                document.getElementById("down").style.background="green";
            }
            function mouseup(){
                document.getElementById("down").style.background="aqua";
            }
            function mouseover(img){
```

```
                    img.style.width="300px";
                    img.style.height="300px";
                }
                function mouseout(img){
                    img.style.width="50px";
                    img.style.height="50px";
                }
            </script>
        </head>
        <body>
            <h1>Mouse Events<h1>
            <button id="click" onclick="mouseclick()"
ondblclick="mousedblclick()">click here</button>
            <input type=”text ” id="down" onmousedown="mousedown()"
onmouseup="mouseup()" onmousemove=”mousemove()”>click here to change the
background</input>
            <img src="bec.jpg" width="50px" height="50px"
onmouseover="mouseover(this)" onmouseout="mouseout(this)">
        </body>
</html>
```

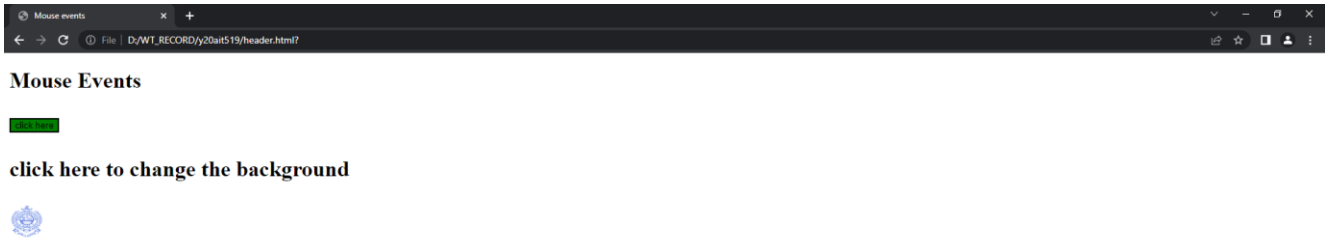
Output:



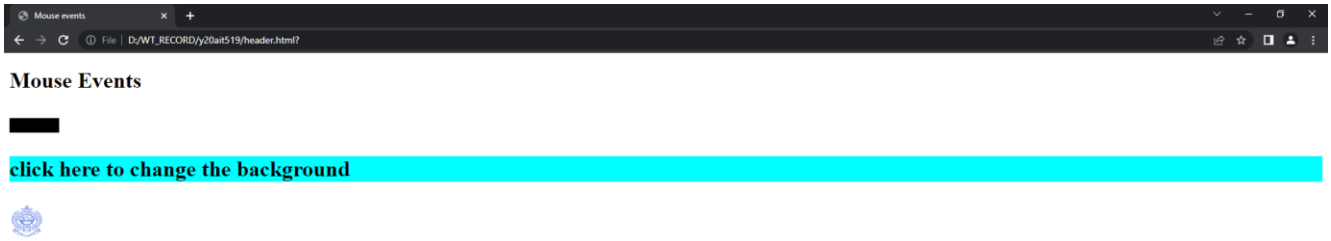
When mouse is clicked



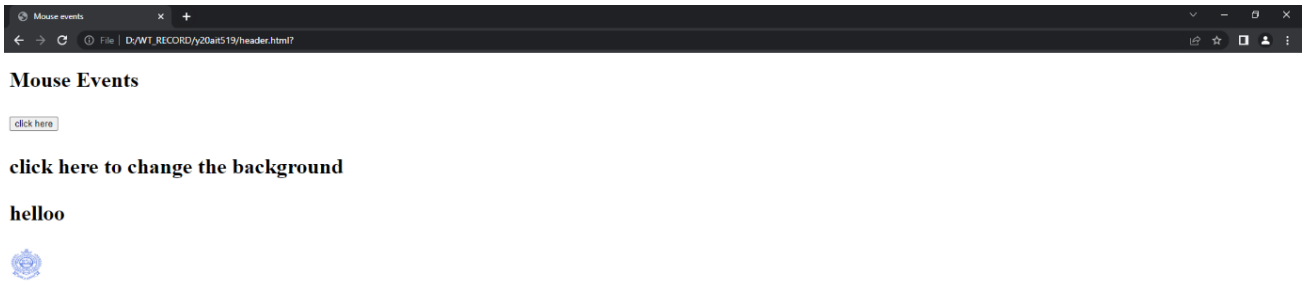
When mouse is double clicked



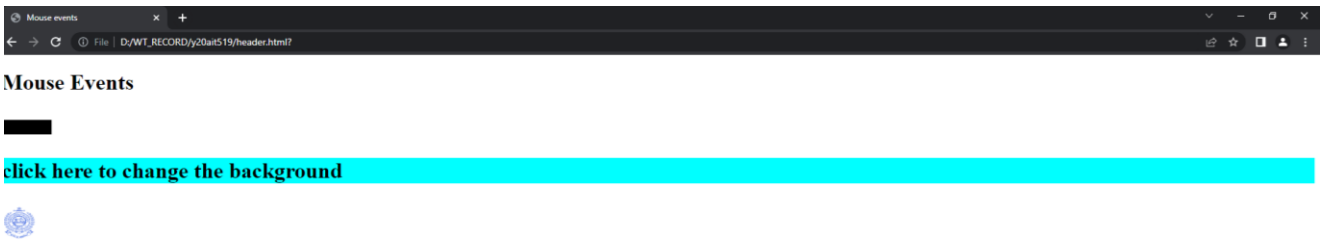
When the mouse button is downed



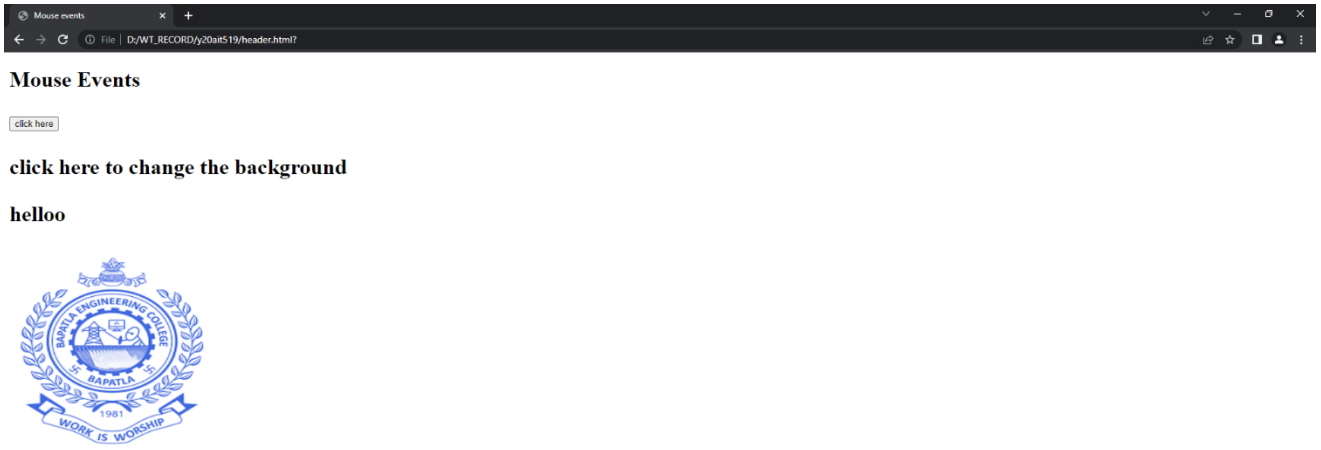
When the button is released



Mouse not over on the image



When the mouse hovers over the image



EXPERIMENT-5C DATE:25/6/22

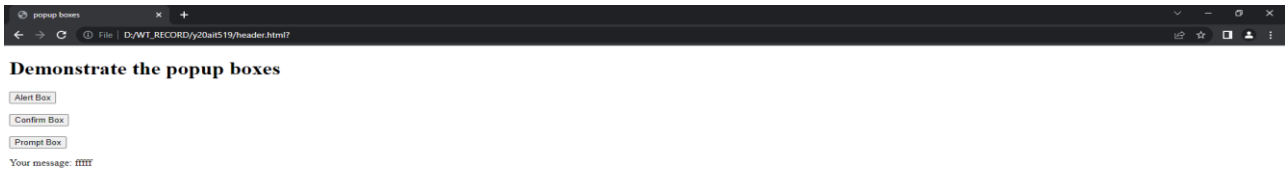
Aim: Write a JavaScript program to demonstrate Pop-up Windows.

Source code:

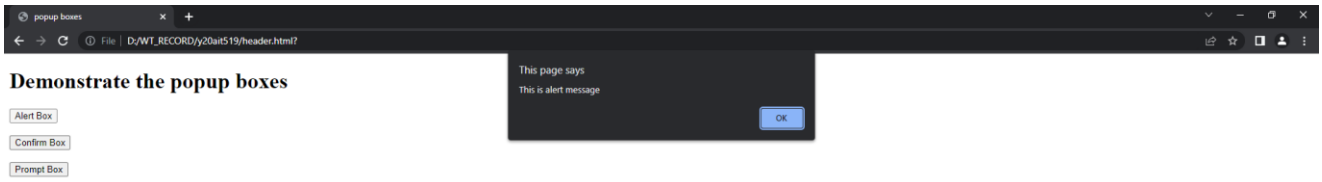
```
<!DOCTYPE  html>
 <html>
        <head>
                <title>popup boxes</title>
                <script type="text/javascript">
                function alertmsg(){
                        alert("This is alert message");  }
                function confirmmsg(){
                        confirm("Are you sure you want to confirm?");
                }
                function promptmsg(){
                        var msg = prompt("Please enter message");
                        document.getElementById("msg").innerHTML="Your message:
"+msg;   }
                </script>
        </head>
        <body>
                <h1>Demonstrate the popup boxes</h1>
                <button onclick="alertmsg()">Alert Box</button><br><br>
                <button onclick="confirmmsg()">Confirm Box</button><br><br>
                <button onclick="promptmsg()">Prompt Box</button><br>
                <p id="msg"></p>
        </body>
</html>
```

Output:

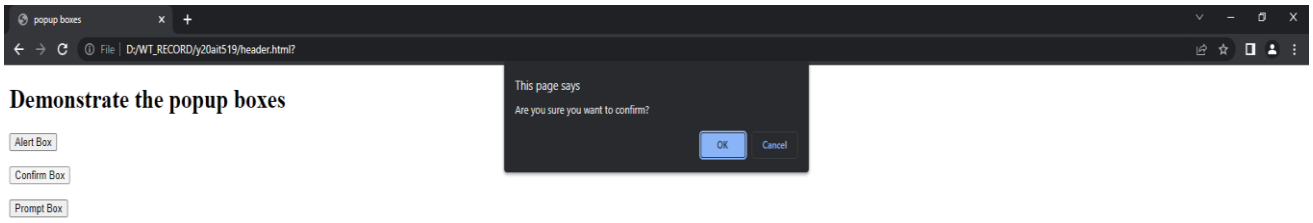
Normal form



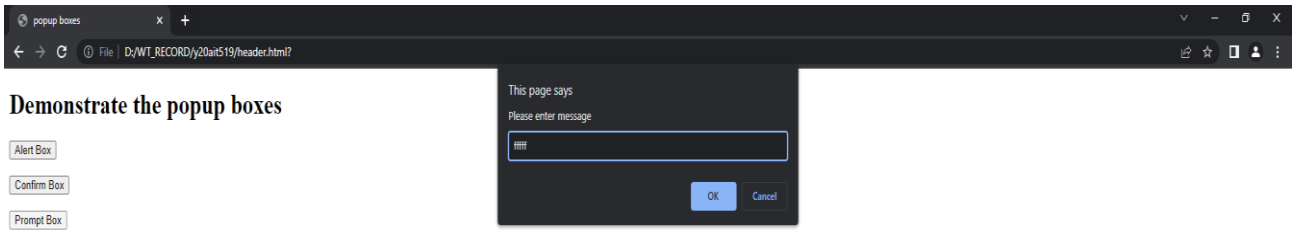
Alert Box



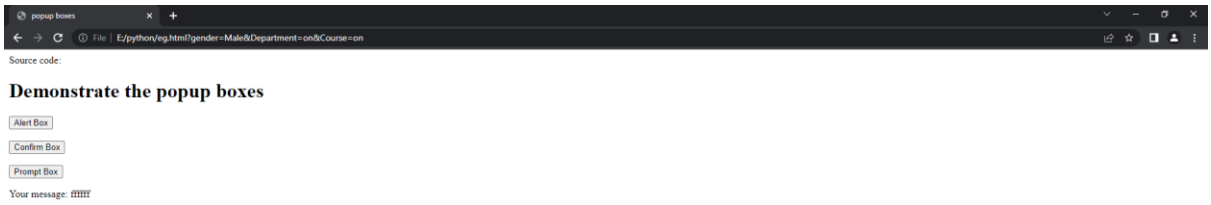
Confirm Box



Prompt boxes



After writng



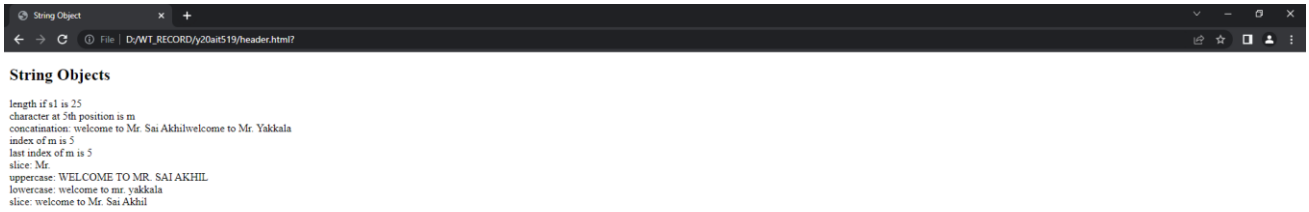
EXPERIMENT-6A DATE:12/7/22

Aim: To **write a JavaScript program to demonstrate String Object.**

Source code:

```
<!DOCTYPE html>
<html>
	<head>
		<title>String Object</title>
	</head>
	<body>
		<script type="text/javascript">
			document.write("<h2>String Objects </h2>");
			var s1="welcome  to Mr. Sai Akhil";
			var s2="welcome to Mr. Yakkala";
			document.write("length if s1 is "+ s1.length);
			document.write("<br>character at 5th position is "+s1.charAt(5));
			document.write("<br>concatination: "+s1.concat(s2));
			document.write("<br>index of m is "+s1.indexOf('m'));
			document.write("<br>last index of m is "+s1.lastIndexOf('m'));
			document.write("<br>slice: "+s1.slice(11,16));
			document.write("<br>uppercase: "+s1.toUpperCase());
			document.write("<br>lowercase: "+s2.toLowerCase());
			document.write("<br>slice: "+s1.slice(" "));
		</script>
	</body>
<html>
```

Output:


String Object
File | D:/WT_RECORD/y20ait519/header.html?
String Objects
length if s1 is 25
character at 5th position is m
concatination: welcome to Mr. Sai Akhilwelcome to Mr. Yakkala
index of m is 5
last index of m is 5
slice: Mr.
uppercase: WELCOME TO MR. SAI AKHIL
lowercase: welcome to mr. yakkala
slice: welcome to Mr. Sai Akhil

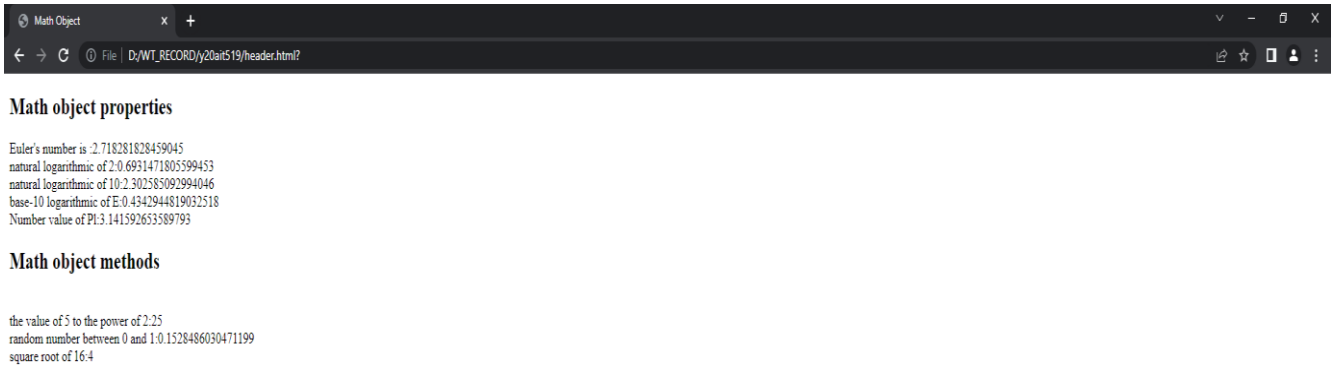
EXPERIMENT-6B DATE:12/7/22

Aim: **Write a JavaScript program to demonstrate Math Object.**

Source code:

```
<!DOCTYPE html>
<html>
	<head>
		<title>Math Object</title>
	</head>
	<body>
		<script>
			document.write("<h2>Math object properties</h2>");
			document.write("Euler's number is :"+Math.E);
			document.write("<br>natural logarithmic of 2:"+Math.LN2);
			document.write("<br>natural logarithmic of 10:"+Math.LN10);
			document.write("<br>base-10 logarithmic of E:"+Math.LOG10E);
			document.write("<br>Number value of Pl:"+Math.PI);
			document.write("<h2>Math object methods</h2>");
			document.write("<br>the value of 5 to the power of 2:"+Math.pow(5,2));
			document.write("<br>random number between 0 and 1:"+Math.random());
			document.write("<br>square root of 16:"+Math.sqrt(16));
		</script>
	</body>
</html>
```

Output:


Math Object
File | D:/WT_RECORD/y20ait519/header.html?
Math object properties
Euler's number is :2.718281828459045
natural logarithmic of 2:0.6931471805599453
natural logarithmic of 10:2.302585092994046
base-10 logarithmic of E:0.4342944819032518
Number value of PI:3.141592653589793
Math object methods
the value of 5 to the power of 2:25
random number between 0 and 1:0.1528486030471199
square root of 16:4

EXPERIMENT-6C DATE:1,2/7/22

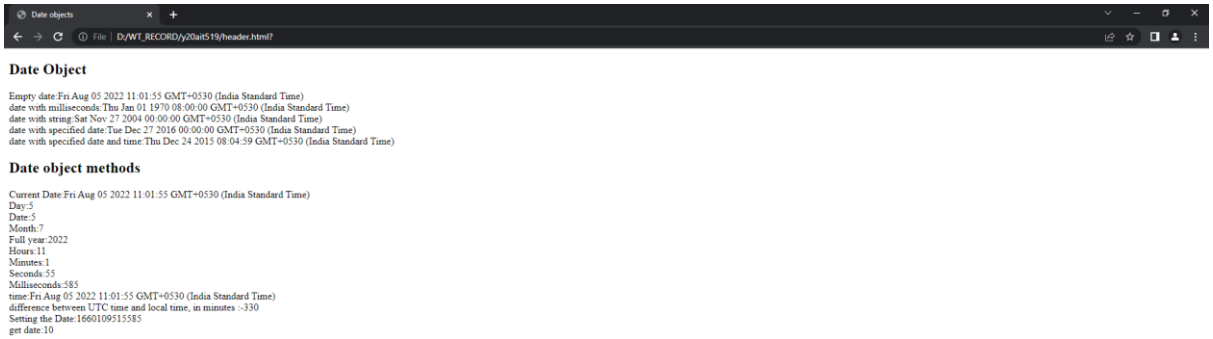
Aim: To **write a JavaScript program to demonstrate Date Object.**

Source code:

```
<!DOCTYPE html>
<html>
	<head>
		<title>Date objects</title>
	</head>
	<body>
	<script type="text/javascript">
		var d1=new Date();
		var d2=new Date(9000000);
		var d3=new Date("November 27 2004");
		var d4=new Date(2016,11,27);
		var d5=new Date(2015,11,24,08,04,59);
		document.write("<h2>Date Object</h2>");
		document.write("Empty date:"+d1);
	document.write("<br> date with milliseconds:"+d2);
		document.write("<br> date with string:"+d3);
		document.write("<br> date with specified date:"+d4);
		document.write("<br> date with specified date and time:"+d5);
		document.write("<h2>Date object methods</h2>");
		document.write("Current Date:"+Date(d1.valueOf()));
		document.write("<br>Day:"+d1.getDay());
		document.write("<br>Date:"+d1.getDate());
		document.write("<br>Month:"+d1.getMonth());
		document.write("<br>Full year:"+d1.getFullYear());
```

```
                document.write("<br>Hours:"+d1.getHours());
                document.write("<br>Minutes:"+d1.getMinutes());
                document.write("<br>Seconds:"+d1.getSeconds());
                document.write("<br>Milliseconds:"+d1.getMilliseconds());
                document.write("<br>time:"+Date(d1.getTime));
                document.write("<br>difference between UTC time and local time, in minutes
:"+d1.getTimezoneOffset());
                document.write("<br>Setting the Date:"+d1.setDate(10));
                document.write("<br>get date:"+d1.getDate());
        </script>
        </body>
</html>
```

Output:


Date objects
File | D:/WT_RECORD/y20ait519/header.html?
Date Object
Empty date:Fri Aug 05 2022 11:01:55 GMT+0530 (India Standard Time)
date with milliseconds:Thu Jan 01 1970 08:00:00 GMT+0530 (India Standard Time)
date with string:Sat Nov 27 2004 00:00:00 GMT+0530 (India Standard Time)
date with specified date:Tue Dec 27 2016 00:00:00 GMT+0530 (India Standard Time)
date with specified date and time:Thu Dec 24 2015 08:04:59 GMT+0530 (India Standard Time)
Date object methods
Current Date:Fri Aug 05 2022 11:01:55 GMT+0530 (India Standard Time)
Day:5
Date:5
Month:7
Full year:2022
Hours:11
Minutes:1
Seconds:55
Milliseconds:585
time:Fri Aug 05 2022 11:01:55 GMT+0530 (India Standard Time)
difference between UTC time and local time, in minutes :-330
Setting the Date:1660109515585
get date:10

EXPERIMENT-7A DATE:9/7/22

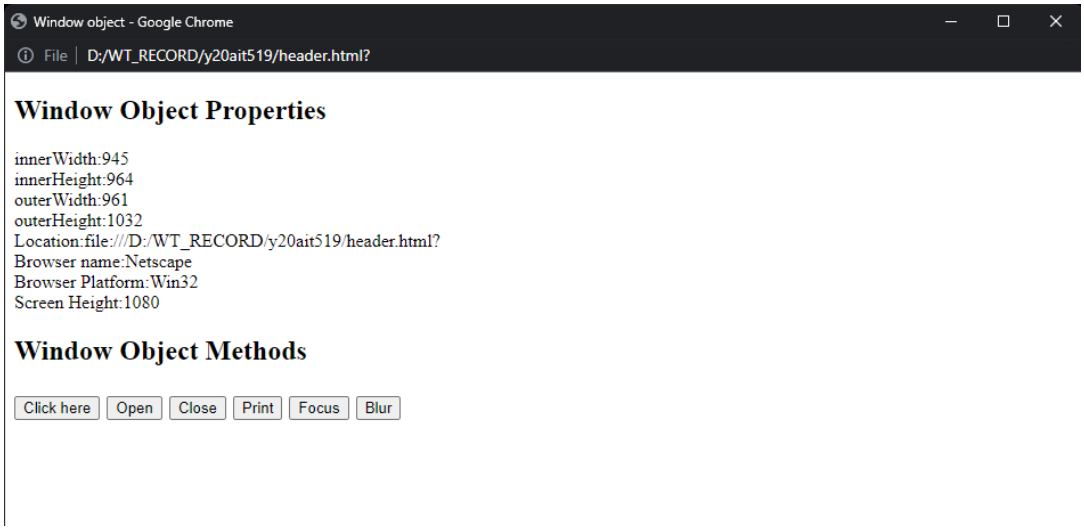
Aim: To write a JavaScript program to demonstrate Window object.

Source code:

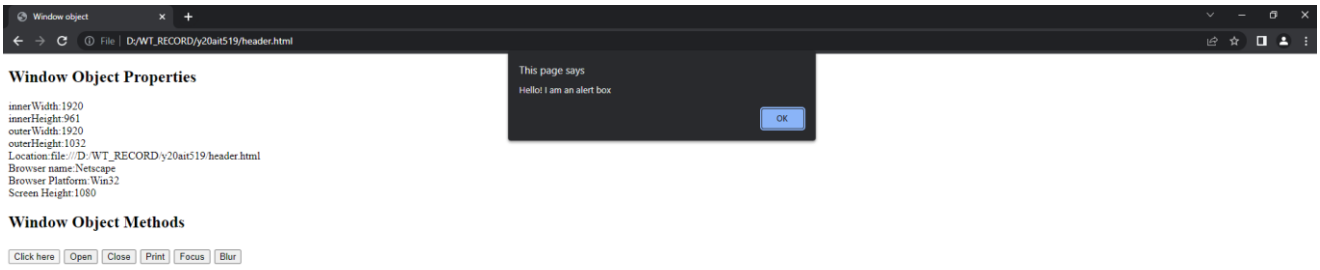
```
<!DOCTYPE html>
<html>
	<head>
		<title>Window object</title>
	</head>
	<body>
		<h2>Window Object Properties</h2>
		<script>
			document.write("innerWidth:"+window.innerWidth);
			document.write("<br>innerHeight:"+window.innerHeight);
			document.write("<br>outerWidth:"+window.outerWidth);
			document.write("<br>outerHeight:"+window.outerHeight);
			document.write("<br>Location:"+window.location);
			document.write("<br>Browser name:"+window.navigator.appName);
			document.write("<br>Browser
Platform:"+window.navigator.platform);
			document.write("<br>Screen Height:"+window.screen.height);
			document.write("<h2>Window Object Methods<h2>");
			function alertmsg(){
				alert("Hello! I am an alert box");
			}
			function openwindow(){
				win=window.open(" ", " ",width="5px",height="5px");
			}
```

```
                function closewindow(){
                        win.close();
                }
                function focuswindow(){
                        win.focus();
                }
                function blurwindow(){
                        win.blur();
                }
                function time()
                {
                        document.write("Its been 10sec since you opened this
window");
                }
                t=setTimeout(time,10000)
        </script>
        <button onclick="alertmsg()">Click here</button>
        <button onclick="openwindow()">Open</button>
        <button onclick="closewindow()">Close</button>
        <button onclick="window.print()">Print</button>
        <button onclick="focuswindow()">Focus</button>
        <button onclick="blurwindow()">Blur</button>

    </body>
</html>
```

Output:

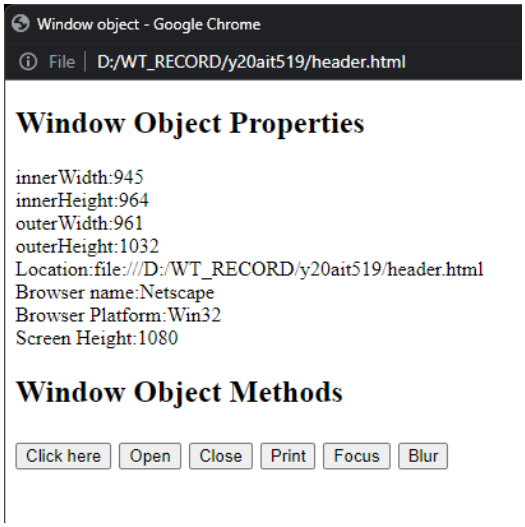


Alert box:

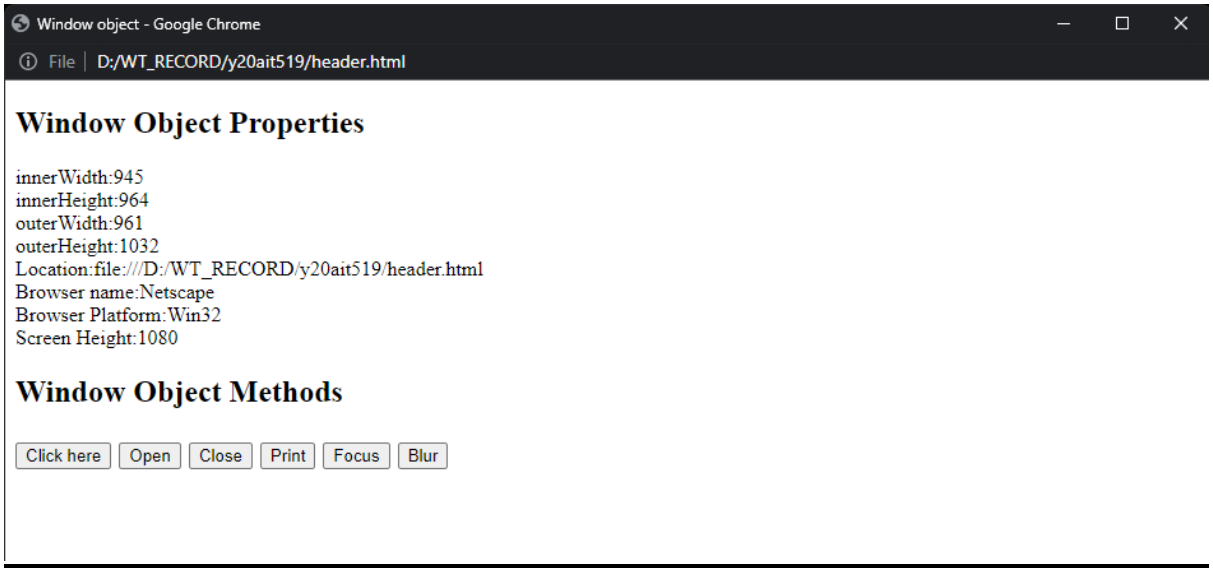


Set timeout interval:

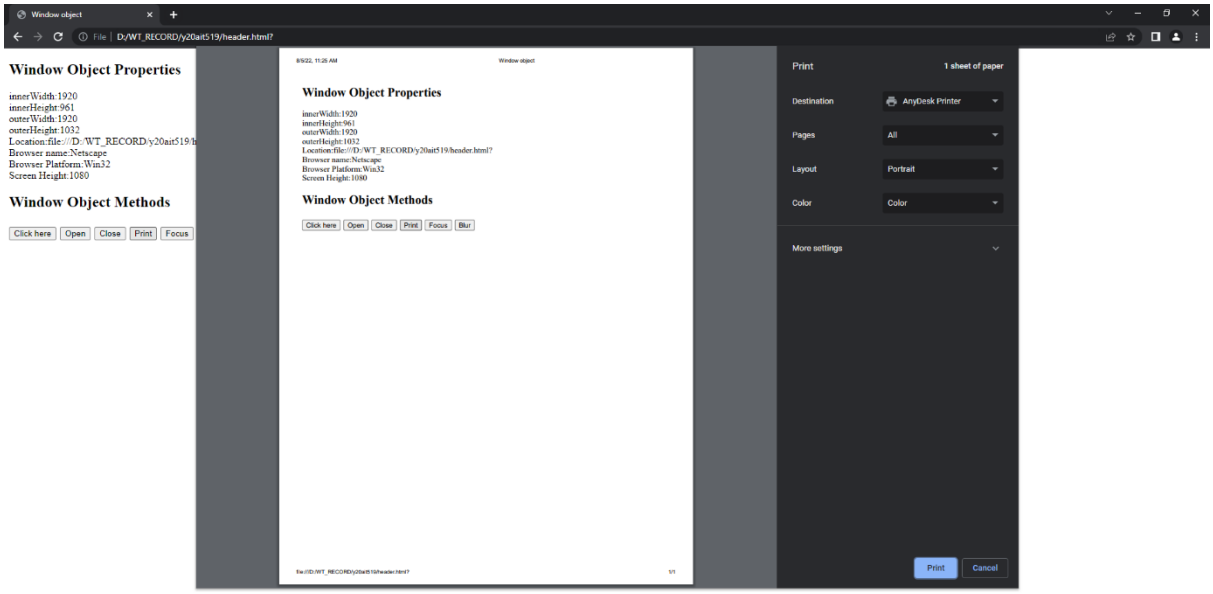
Open a new window:


Window object - Google Chrome
File | D:/WT_RECORD/y20ait519/header.html
Window Object Properties
innerWidth:945
innerHeight:964
outerWidth:961
outerHeight:1032
Location:file:///D:/WT_RECORD/y20ait519/header.html
Browser name:Netscape
Browser Platform:Win32
Screen Height:1080
Window Object Methods
Click here
Open
Close
Print
Focus
Blur

Old window


Window object - Google Chrome
File | D:/WT_RECORD/y20ait519/header.html
Window Object Properties
innerWidth:945
innerHeight:964
outerWidth:961
outerHeight:1032
Location:file:///D:/WT_RECORD/y20ait519/header.html
Browser name:Netscape
Browser Platform:Win32
Screen Height:1080
Window Object Methods
Click here
Open
Close
Print
Focus
Blur

Print the window:



EXPERIMENT-7B **DATE:9/7/22**

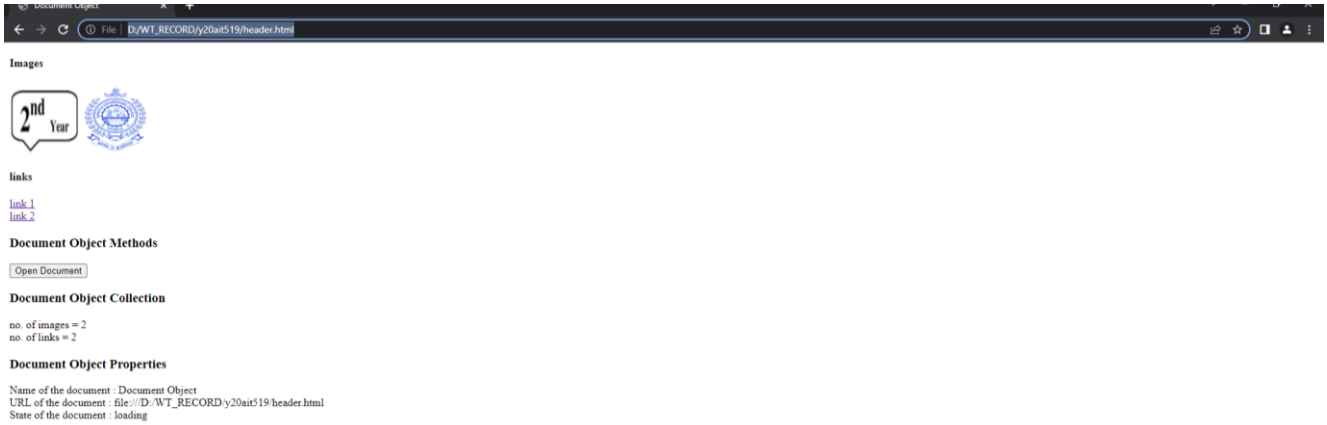
Aim: To write a JavaScript program to demonstrate Document Object.

Source code:

```
<!DOCTYPE html>
<html>
	<head>
		<title>Document Object</title>
	</head>
	<body>
		<h4>Images</h4>
		<img src="logo.jfif" width="100px" height="100px">
		<img src="bec.jpg" width="100px" height="100px">
		<h4>links</h4>
		<a href="List1.html">link 1</a><br>
		<a href="Links.html">link 2</a>
		<h3>Document Object Methods</h3>
		<button onclick="opendocument()">Open Document</button>
		<script type="text/javascript">
			function opendocument(){
				document.open();
				document.write("<h1>Welcome to new Document</h1>");
				document.close();
			}
			document.write("<h3>Document Object Collection</h3>")
			document.write("no. of images = "+document.images.length);
			document.write("<br>no. of links = "+document.links.length);
			document.write("<h3>Document Object Properties</h3>");
```

```
                document.write("Name of the document : "+document.title);
                document.write("<br>URL of the document : "+document.URL);
                document.write("<br>State of the document : "+document.readyState);
            </script>
        </body>
</html>
```

Output:



EXPERIMENT-8A DATE:16/7/22

Aim: Write a JavaScript program to create, delete, duplicate and insert the node before element using DOM node interface.

Source code:

```
<!DOCTYPE html>
<html>
    <head>
      <title>Document object</title>
      <script type="text/javascript">
            function create_node(){
                  var link=document.createElement("a");
                  link.setAttribute("id","li");
                  link.setAttribute("href","nature.jpg");
                  link.setAttribute("width","100");
                  link.setAttribute("height","100");
                  text=document.createTextNode("My Link");
                  link.appendChild(text);
                  document.body.appendChild(link);
            }
            function delete_node(){
                  Child=document.getElementById("li");
                  document.body.removeChild(Child);
            }
            function clone_node(){
                  link=document.getElementById("li");
                  c=link.cloneNode(true);
                  document.body.appendChild(c);
```

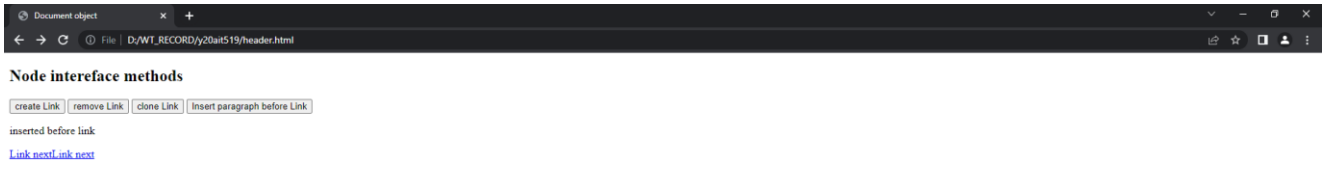
```
            }
            function insert_node(){
                link=document.getElementById("li");
                para=document.createElement("p");
                para.setAttribute("id","p1");
                text=document.createTextNode("My Paragraph before link");
                para.appendChild(text);
                document.body.insertBefore(para,link);
            }
        </script>
    </head>
    <body>
        <div id="d">
        <h2>Node intereface methods</h2>
        <button onclick="create_node()">create Link</button>
        <button onclick="delete_node()">remove Link</button>
        <button onclick="clone_node()">clone Link</button>
        <button onclick="insert_node()">Insert paragraph before Link</button>
        </div>
    </body>
</html>
```

Output:

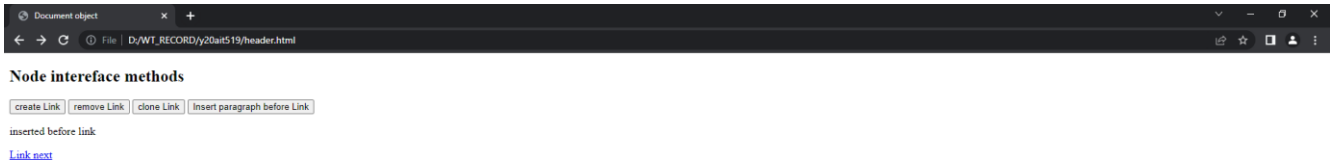
Add link:

Clone link:

Insert link:



Remove link:


Document object
File | D:/WT_RECORD/y20ait519/header.html
Node intereface methods
create Link
remove Link
clone Link
Insert paragraph before Link
inserted before link
Link next

EXPERIMENT-8B **DATE:16/7/22**

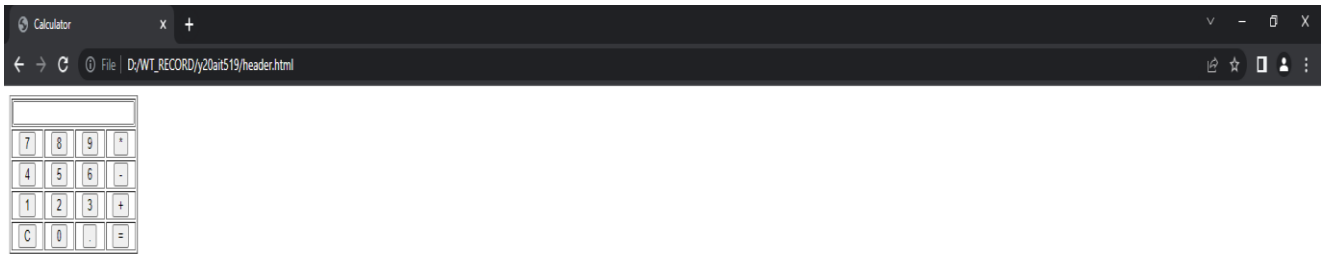
Aim: To develop a simple web application calculator.

Source code:

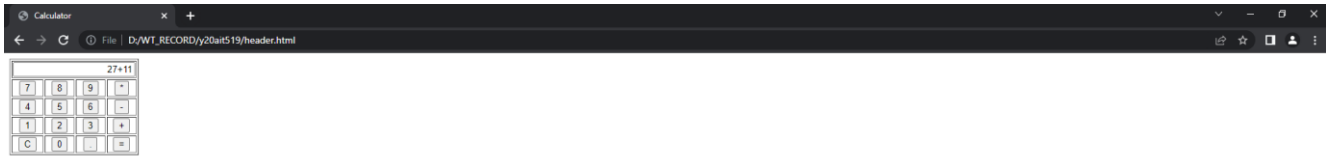
```
<!DOCTYPE html>
<html>
    <head>
      <title>Calculator</title>
      <script>
            function display(v){
                  val=document.getElementById("inp").value;
                  val=val+v;
                  document.getElementById("inp").value=val;}
            function clear(){
                  document.getElementById("inp").value="";}
            function operation(){
                  val=document.getElementById("inp").value;
                  res=eval(val)
                  document.getElementById("inp").value=res;}
      </script>
    </head>
    <body>
      <table border="2px">
            <tr>
                  <td colspan="4"><input type="text" id="inp" style="text-
align:right"></td>
            </tr>
            <tr style="text-align:center">
```

```
                    <td><button type="text" onclick="display('7')">7</button></td>
                    <td><button type="text" onclick="display('8')">8</button></td>
                    <td><button type="text" onclick="display('9')">9</button></td>
                    <td><button type="text" onclick="display('*')">*</button></td>
                </tr>
                <tr style="text-align:center">
                    <td><button type="text" onclick="display('4')">4</button></td>
                    <td><button type="text" onclick="display('5')">5</button></td>
                    <td><button type="text" onclick="display('6')">6</button></td>
                    <td><button type="text" onclick="display('-')">-</button></td>
                </tr>
                <tr style="text-align:center">
                    <td><button type="text" onclick="display('1')">1</button></td>
                    <td><button type="text" onclick="display('2')">2</button></td>
                    <td><button type="text" onclick="display('3')">3</button></td>
                    <td><button type="text" onclick="display('+')">+</button></td>
                </tr>
                <tr style="text-align:center">
                    <td><button type="text" value="delete"
onclick="clear()">C</button></td>
                    <td><button type="text" onclick="display('0')">0</button></td>
                    <td><button type="text" onclick="display('.')">.</button></td>
                    <td><button type="text" onclick="operation()">=</button></td>
                </tr>
          </table>
        </body>
</html>
```

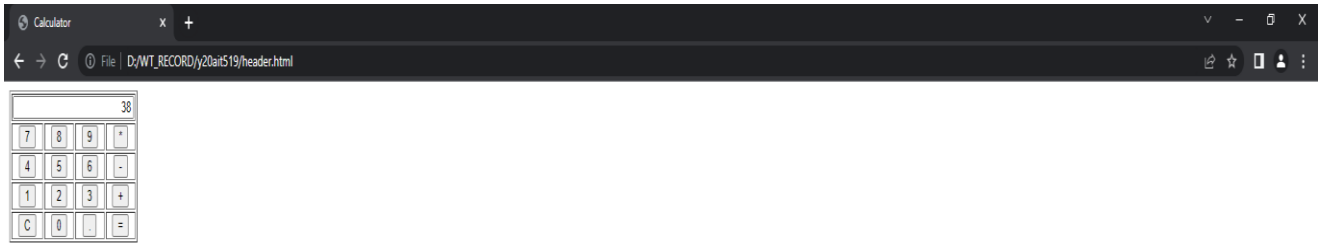
Output:



Entered the values



Result



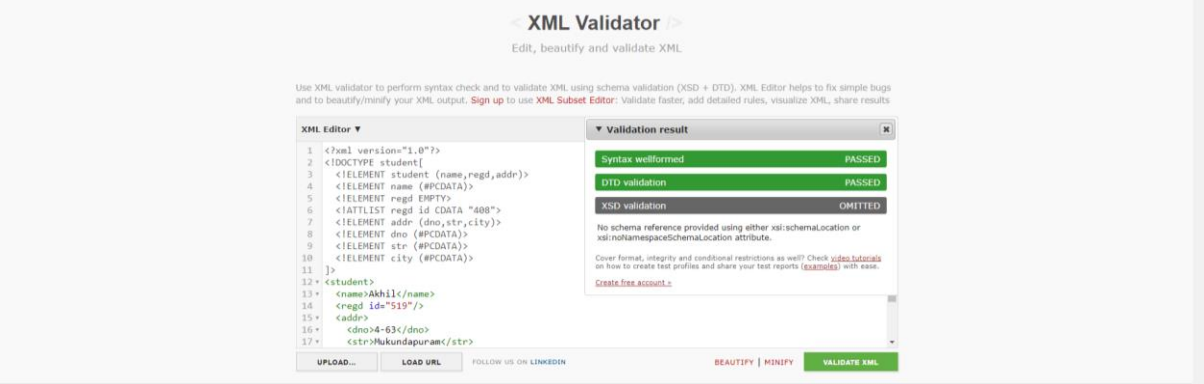
EXPERIMENT-9A DATE:23/7/22

Aim: To design a webpage to demonstrate Internal DTD

Source code:

```
<?xml version='1.0' encoding="UTF-8"?>
<!DOCTYPE student [
        <!ELEMENT student (name,regd,address)>
        <!ELEMENT name (#PCDATA)>
        <!ELEMENT regd EMPTY>
        <!ATTLIST regd id CDATA "401">
        <!ELEMENT address (dno,city,street)>
        <!ELEMENT dno (#PCDATA)>
        <!ELEMENT city (#PCDATA)>
        <!ELEMENT street (#PCDATA)>]>
<student>
        <name>Akhil</name>
        <regd id="519"/>
        <address>
          <dno>8-8-8</dno>
          <city>NELLORE</city>
          <street>Mukundapuram</street>
        </address>
</student>
```

Output:


XML Validator
Edit, beautify and validate XML
Use XML validator to perform syntax check and to validate XML using schema validation (XSD + DTD). XML Editor helps to fix simple bugs and to beautify/minify your XML output. Sign up to use XML Subset Editor: Validate faster, add detailed rules, visualize XML, share results
XML Editor
<?xml version="1.0"?>
<!DOCTYPE student[
<!ELEMENT student (name,regd,addr)>
<!ELEMENT name (#PCDATA)>
<!ELEMENT regd EMPTY>
<!ATTLIST regd id CDATA "408">
<!ELEMENT addr (dno,str,city)>
<!ELEMENT dno (#PCDATA)>
<!ELEMENT str (#PCDATA)>
<!ELEMENT city (#PCDATA)>
]>
<student>
<name>Akhil</name>
<regd id="519"/>
<addr>
<dno>4-63</dno>
<str>Mukundapuram</str>
Validation result
Syntax wellformed PASSED
DTD validation PASSED
XSD validation OMITTED
No schema reference provided using either xsi:schemaLocation or xsi:noNamespaceSchemaLocation attribute.
Create free account »
UPLOAD...
LOAD URL
FOLLOW US ON LINKEDIN
BEAUTIFY | MINIFY
VALIDATE XML

EXPERIMENT-9B DATE:23/7/22

Aim: To design a webpage to demonstrate External DTD.

Source code:

External.xml:

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE student SYSTEM "stu.dtd">
<student>
    <name>Akhil</name>
    <regd id="519"/>
    <address>
      <dno>8-8-8</dno>
      <city>NELLORE</city>
      <street>Mukundapuram</street>
    </address>
</student>Stu.dtd:
<!ELEMENT student (name,regd,address)>
    <!ELEMENT name (#PCDATA)>
    <!ELEMENT regd EMPTY>
    <!ATTLIST regd id CDATA "516">
    <!ELEMENT address (dno,city,street)>
    <!ELEMENT dno (#PCDATA)>
    <!ELEMENT city (#PCDATA)>
    <!ELEMENT street (#PCDATA)>
```

OUTPUT


XML Validator
Edit, beautify and validate XML
Use XML validator to perform syntax check and to validate XML using schema validation (XSD + DTD). XML Editor helps to fix simple bugs and to beautify/minify your XML output. Sign up to use XML Subset Editor: Validate faster, add detailed rules, visualize XML, share results
XML Editor
<!ATTLIST regd id CDATA "Y20AIT401">
<!ELEMENT addr (dno,str,city)>
<!ELEMENT dno (#PCDATA)>
<!ELEMENT str (#PCDATA)>
<!ELEMENT city (#PCDATA)>
]>
<student>
<name>Mahesh babu</name>
<regd id="Y20AIT519"/>
<addr>
<dno>54/67</dno>
<str>JUBLIEE HILLS</str>
<city>HYDERABAD</city>
</addr>
</student>
Validation result
Syntax wellformed PASSED
DTD validation PASSED
XSD validation OMITTED
No schema reference provided using either xsi:schemaLocation or xsi:noNamespaceSchemaLocation attribute.
Cover format, integrity and conditional restrictions as well? Check video tutorials on how to create test profiles and share your test reports (examples) with ease.
Create free account »

EXPERIMENT-10 **DATE:30/7/22**

Aim: Create an XML file to store the student data and validate using XSD.

Source code:

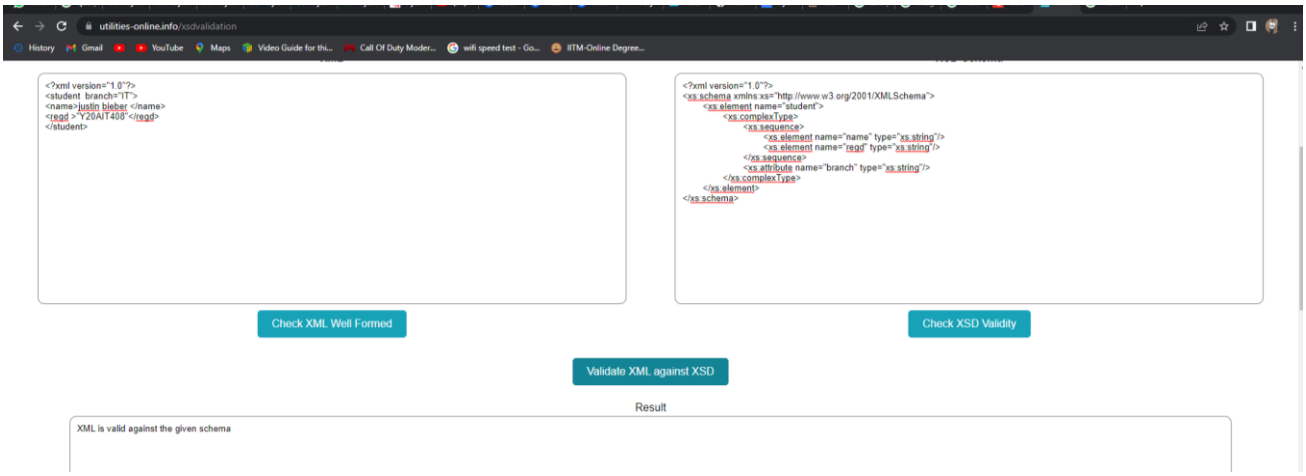
Student.xml

```
<?xml version="1.0"?>
<student  branch="IT">
<name>justin bieber </name>
<regd >"Y20AIT408"</regd>
</student>
```

Student.xsd:

```
<?xml version="1.0"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
	<xs:element name="student">
	  <xs:complexType>
		<xs:sequence>
			<xs:element name="name" type="xs:string"/>
			<xs:element name="regd" type="xs:string"/>
		</xs:sequence>
		<xs:attribute name="branch" type="xs:string"/>
	  </xs:complexType>
	</xs:element>
</xs:schema>
```

Output:


utilities-online.info/xsdvalidation
History
Gmail
YouTube
Maps
Video Guide for thi...
Call Of Duty Moder...
wifi speed test - Go...
IITM-Online Degree...
<?xml version="1.0"?>
<student branch="IT">
<name>justin bieber </name>
<regd >"Y20AIT408"</regd>
</student>
<?xml version="1.0"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:element name="student">
<xs:complexType>
<xs:sequence>
<xs:element name="name" type="xs:string"/>
<xs:element name="regd" type="xs:string"/>
</xs:sequence>
<xs:attribute name="branch" type="xs:string"/>
</xs:complexType>
</xs:element>
</xs:schema>
Check XML Well Formed
Check XSD Validity
Validate XML against XSD
Result
XML is valid against the given schema