

ASSIGNMENT-1

E-Book:

```

<html>
<head>
<title>Assignment_1</title>
</head>
<body>
    <h2>Table of Contents</h2>
    <a href="#intro-html">Chapter 1: Introduction</a><br>
    <a href="#what-html">Chapter 2: What is HTML?</a><br>
    <a href="#java-script">Chapter 3: What is Javascript?</a><br>
<hr>
<pre id="intro-html"><h4>Introduction</h4>
<p>
```

In order to make websites look and function a certain way, web developers utilize different languages. The three core languages that make up the World Wide Web are HTML5, CSS, and JavaScript.

In the IT world, the internet is an essential platform, whether its for developing or for consumer use. When developing a website, typically three main languages come into play. These languages are JavaScript, CSS, and HTML. HTML is the backbone of most webpages. Essentially, it is used to create the structure of how a specific website would look like, from the headings, to the paragraphs, the body, links, and even images.

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```

</p>
</pre>
<hr>
<pre id="what-html"><h4>What is HTML?</h4>
<li>HTML is the standard markup language for creating Web pages.</li>
<p>
```

HTML is the conventional markup language used to create and edit web pages and web applications. HTML is used for creating the basic structure of a website. HTML consists of different elements preceded by an opening tag, `<tag>`, and a closing tag, `</tag>`. The content between the tags, `<html>` and `</html>`, is the content of the webpage. The content between the tags, `<head>` and `</head>`, is the title of the webpage. This text is displayed between the `<title>` and `</title>` tags. The content between the tags, `<body>` and `</body>`, is the main content of the webpage. The content can include links , paragraphs, headings, and various other elements.

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of different elements preceded by an opening tag, <tag>, and a closing tag, </tag>. The content between the tags, <html> and </html>, is the content of the webpage. The content between the tags, <head> and </head>, is the title of the webpage. This text is displayed between the <title> and </title> tags. The content between the tags, <body> and </body>, is the main content of the webpage. The content can include links , paragraphs, headings, and various other elements.

```
</p>
</pre>
<hr>
<pre id="java-script"><h4>What is Javascript?</h4><p>
```

JavaScript is a scripting language that is used along with HTML and CSS as the three core components of the World Wide Web. JavaScript has first-class functions and is used in most websites. JavaScript does not have any I/O which means that it has to be embedded in the host environment. JavaScript is also used in PDF documents, game development, and desktop and mobile applications. JavaScript is most commonly used to make DHTML by adding client-side behavior to HTML pages.

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```
</p>
</pre>
<hr>
</body>
</html>
```

Output :-

Table of Contents

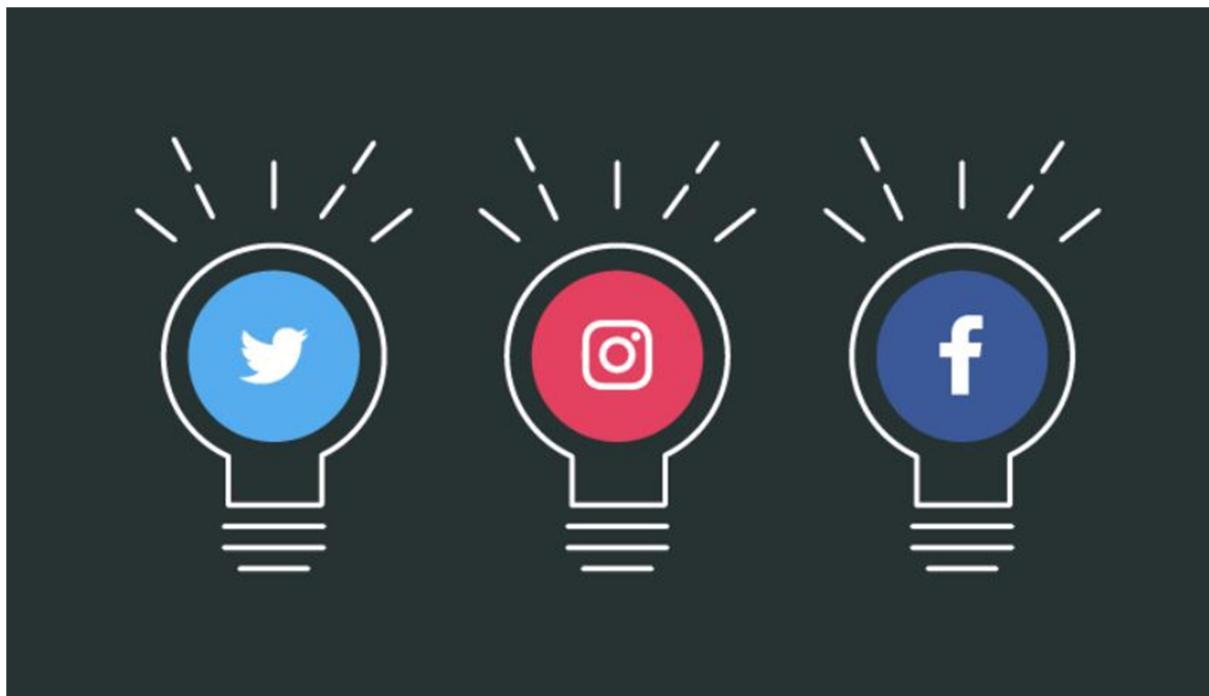
[Chapter 1: Introduction](#)
[Chapter 2: What is HTML?](#)
[Chapter 3: What is Javascript?](#)

ASSIGNMENT-2

IMAGEMAP:

```
<html>
<head>
    <title>Assignment_2</title>
</head>
<body>
    
    <map name="social">
        <area shape="circle" coords="220,250,75,75" alt="twitter"
        href="https://twitter.com/?lang=en">
        <area shape="circle" coords="450,250,75,75" alt="instagram"
        href="https://www.instagram.com/?hl=en">
        <area shape="circle" coords="685,250,75,75" alt="facebook"
        href="https://www.facebook.com/">
    </map>
</body>
</html>
```

Output :-



ASSIGNMENT-3

Create your class time table using HTML.

```

<html>
<head>
<title>Time Table</title>
</head>
<body >
<h3 align="center">SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY, SURAT (042)
<br>
CLASS TIME TABLE(REVISED-7-1-2019)</h3>
<p align=center>
<b>BE :</b>III CO SHIFT-1) &nbsp;&nbsp;&nbsp;
<b>SEMESTER:</b>VI &nbsp;&nbsp;&nbsp;
<b>YEAR:</b>2018-2019 &nbsp;&nbsp;&nbsp;
<b>CLASS ROOM:</b>C-203
</p>
<table border="1px" ALIGN="center">
<tr>
<th>PERIODS <br>& TIME</th>
<th>1<br>08:30-09:30</th>
<th>2<br>09:30-10:30</th>
<th
rowspan="11">&nbsp;&nbsp;R&nbsp;&nbsp;<br>&nbsp;&nbsp;e&nbsp;&nbsp;<br>&nbsp;
&nbsp;c&nbsp;&nbsp;<br>&nbsp;&nbsp;e&nbsp;&nbsp;<br>&nbsp;&nbsp;s&nbsp;&nbsp;
<br>&nbsp;&nbsp;s&nbsp;&nbsp;</th>
<th>3<br>10:45-11:45</th>
<th>4<br>11:45-12:45</th>
<th rowspan="11"
>&nbsp;&nbsp;R&nbsp;&nbsp;<br>&nbsp;&nbsp;e&nbsp;&nbsp;<br>&nbsp;&nbsp;c&nbsp;
;&nbsp;<br>&nbsp;&nbsp;e&nbsp;&nbsp;<br>&nbsp;&nbsp;s&nbsp;&nbsp;<br>&nbsp;&n
bsp;s&nbsp;&nbsp;</th>
<th>5<br>01:30-02:30</th>
<th>6<br>02:30-03:30</th>
</tr>
<tr>
<td rowspan="2">MON<br></td>
<td>AJ</td>
<td>.NET/CG</td>
<td colspan="2">.NET (ALL) (JC, VU)</td>
<td>WT</td>
<td>SE</td>
</tr>
<tr>
<td>BP</td>
<td>VU/UD</td>
<td colspan="2">CG (ALL) (UD,BKS)</td>
<td>KD</td>

```

```
<td>SG</td>
</tr>
<tr>
<td rowspan="2">TUE<br></td>
<td>AJ</td>
<td>.NET/CG</td>
<td colspan="2">WT (A) (UD, KD)</td>
<td>TOC</td>
<td rowspan="2">DE(NN,FV,RO)</td>
</tr>
<tr>
<td>VJ</td>
<td>VU/BK</td>
<td colspan="2">AJ (B) (KP,VJ)</td>
<td>BK</td>
</tr>
<tr>
<td rowspan="2">WED<br></td>
<td>SE</td>
<td>WT</td>
<td colspan="2">WT (B) (UD, KD)</td>
<td>SE</td>
<td rowspan="2">></td>
</tr>
<tr>
<td>KD</td>
<td>UD</td>
<td colspan="2">SE (A) (SG,UM)</td>
<td>SG</td>
</tr>
<tr>
<td rowspan="2">THU</td>
<td>TOC</td>
<td>.NET/CG</td>
<td colspan="2">AJ (A) (BP,NK)</td>
<td>SE</td>
<td>AJ</td>
</tr>
<tr>
<td>MK</td>
<td>VU/UD</td>
<td colspan="2">SE (B) (SG,KD)</td>
<td>KD</td>
<td>BP</td>
</tr>
<tr>
<td rowspan="2">FRI</td>
<td rowspan="2">DE(KP,VU,UM)</td>
<td rowspan="2">DE(KP,VU,UM)</td>
```

```

<td>WT<br></td>
<td>AJ</td>
<td>TOC</td>
<td>.NET/CG</td>
</tr>
<tr>
<td>UD</td>
<td>VJ</td>
<td>BK</td>
<td>JC/BKS</td>
</tr>
</table>
<br><br>
<TABLE BORDER="1" ALIGN="center">
<TR>
<TH ROWSPAN="3"><CENTER>FACULTY<br>CODE:</BR></CENTER></TH>
<TD><CENTER>VU:PROF.VASUNDHARA UCHHULA</CENTER></TD>
<TD><CENTER>VJ:PROF.VANDANA JOSHI</CENTER></TD>
<TD><CENTER>BKS:PROF.BHUMIKA SHAH</CENTER></TD>
<TD><CENTER>SG:PROF.SNEHAL GANDHI</CENTER></TD>
</TR>
<TR>
<TD><CENTER>MK:PROF.MEHUL KHATIWALA</CENTER></TD>
<TD><CENTER>BP:PROF.BHAVESH PATEL</CENTER></TD>
<TD><CENTER>UD:PROF.URMI DESAI</CENTER></TD>
<TD><CENTER>UM:PROF.URVASHI MISTRY</CENTER></TD>
</TR>
<TR>
<TD><CENTER>JC:PROF.JAYESH CHAUDHARI</CENTER></TD>
<TD><CENTER>KD:PROF.KRISHNA DALASANIYA</CENTER></TD>
<TD><CENTER>KP:PROF.KARUNA PATEL</CENTER></TD>
<TD><CENTER>NK:NITYA KOMALAN</CENTER></TD>
</TR>
</table>
<TABLE BORDER="1" ALIGN="center">
<tr>
<th><CENTER>Name of class teacher:</CENTER></th>
<td>PROF.VASUNDHARA UCHHULA</td>
<td>PROF.JYDEEP BARAD</td>
<td>PROF.KRISHNA DALASANIYA</td>
</tr>
</TABLE>
<BR>
<TABLE ALIGN="center">
<tr>
<th><CENTER>Time table Coordinator & </CENTER></th>
<th><CENTER>Head Of the Department</CENTER></th>
<th><CENTER>Dean-Academic</CENTER></th>
<th><CENTER>Principal,SCET</CENTER></th>

```

```

</tr>
<tr>
    <td></td>
    <td><center>Prof.(Dr.)Keyur Rana</center></td>
    <td><center>Prof.(Dr.)Niteen Patel</center></td>
    <td><center>&nbsp;&nbsp;Dr.Vaishali Mungurwadi</center></td>
</tr>
</TABLE>
</body>
</html>

```

Output :-

SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY, SURAT (042)
CLASS TIME TABLE(REVISED-7-1-2019)

BE :III CO SHIFT-1) SEMESTER:VI YEAR:2018-2019 CLASS ROOM:C-203

PERIODS & TIME	1 08:30-09:30	2 09:30-10:30	3 10:45-11:45	4 11:45-12:45	5 01:30-02:30	6 02:30-03:30
MON	AJ	.NET/CG	NET (ALL) (JC, VU)	WT	SE	
	BP	VU/UD	CG (ALL) (UD,BKS)	KD	SG	
TUE	AJ	.NET/CG	WT (A) (UD, KD)	TOC	DE(NN,FV,RO)	
	VJ	VU/BK	AJ (B) (KP,VJ)	BK		
WED	SE	WT	WT (B) (UD, KD)	SE		
	KD	UD	SE (A) (SG,UM)	SG		
THU	TOC	.NET/CG	AJ (A) (BP,NK)	SE	AJ	
	MK	VU/UD	SE (B) (SG,KD)	KD	BP	
FRI	DE(KP,VU,UM)	DE(KP,VU,UM)	WT	AJ	TOC	.NET/CG
			UD	VJ	BK	JC/BKS

FACULTY CODE:	VU:PROF.VASUNDHARA UCHHULA	VJ:PROF.VANDANA JOSHI	BKS:PROF.BHUMIKA SHAH	SG:PROF.SNEHAL GANDHI
	MK:PROF.MEHUL KHATIWALA	BP:PROF.BHADEV PATEL	UD:PROF.URMI DESAI	UM:PROF.URVASHI MISTRY
	JC:PROF.JAYESH CHAUDHARI	KD:PROF.KRISHNA DALASANIYA	KP:PROF.KARUNA PATEL	NK:NITYA KOMALAN

Name of class teacher: PROF.VASUNDHARA UCHHULA PROF.JYDEEP BARAD PROF.KRISHNA DALASANIYA

Time table Coordinator Head Of the Department Dean-Academic Principal,SCET
 Prof.(Dr.)Keyur Rana Prof.(Dr.)Niteen Patel Dr.Vaishali Mungurwadi

ASSIGNMENT-4

Create our co-intra page layout with three different frame. Top frame, left frame and right frame. On leftside frame put links for different subjects of your class in this semester. by clicking on these links syllabus of relevant subject will open on right side frame. use FRAMESET and FRAME tag.

Assignment_4.html

```
<html>
    <head>
        <title>Assignment_4</title>
    </head>
    <frameset rows="12%,88%">
        <frame name="header" src="header.html" scrolling="no"/>
        <frame name="content" src="content.html"/>
    </frameset>
</html>
```

Content.html

```
<html>
    <head>
        <title>Assignment_4</title>
    </head>
    <frameset cols="17%,83%">
        <frame name="index" src="title.html"/>
        <frame name="display" src="display.html"/>
    </frameset>
</html>
```

Display.html

```
<html>
    <head>
        <title>title</title>
        <style>
            h2{
                text-align:center;
            }
        </style>
    </head>
    <body>
        <div id="Chapter1">
            <h2>Chapter 1: Introduction</h2>
            <p>HTML stands for Hyper Text Markup Language, which is the most widely used language on Web to develop web pages. HTML was created by Berners-Lee in late 1991 but "HTML 2.0" was the first standard HTML specification which was published in 1995. HTML 4.01 was a major version of HTML and it was published in late 1999. Though HTML 4.01 version is widely used but currently we are having HTML-5 version which is an extension to HTML 4.01, and this version was published in 2012.</p>
        </div>
        <div id="Chapter2">
            <h2>Chapter 1: Introduction</h2>
```

<p>HTML stands for Hyper Text Markup Language, which is the most widely used language on Web to develop web pages. HTML was created by Berners-Lee in late 1991 but "HTML 2.0" was the first standard HTML specification which was published in 1995. HTML 4.01 was a major version of HTML and it was published in late 1999. Though HTML 4.01 version is widely used but currently we are having HTML-5 version which is an extension to HTML 4.01, and this version was published in 2012.</p>

</div>

<div id="Chapter3">

<h2>Chapter 1: Introduction</h2>

<p>HTML stands for Hyper Text Markup Language, which is the most widely used language on Web to develop web pages. HTML was created by Berners-Lee in late 1991 but "HTML 2.0" was the first standard HTML specification which was published in 1995. HTML 4.01 was a major version of HTML and it was published in late 1999. Though HTML 4.01 version is widely used but currently we are having HTML-5 version which is an extension to HTML 4.01, and this version was published in 2012.</p>

</div>

<div id="Chapter4">

<h2>Chapter 1: Introduction</h2>

<p>HTML stands for Hyper Text Markup Language, which is the most widely used language on Web to develop web pages. HTML was created by Berners-Lee in late 1991 but "HTML 2.0" was the first standard HTML specification which was published in 1995. HTML 4.01 was a major version of HTML and it was published in late 1999. Though HTML 4.01 version is widely used but currently we are having HTML-5 version which is an extension to HTML 4.01, and this version was published in 2012.</p>

</div>

<div id="Chapter5">

<h2>Chapter 1: Introduction</h2>

<p>HTML stands for Hyper Text Markup Language, which is the most widely used language on Web to develop web pages. HTML was created by Berners-Lee in late 1991 but "HTML 2.0" was the first standard HTML specification which was published in 1995. HTML 4.01 was a major version of HTML and it was published in late 1999. Though HTML 4.01 version is widely used but currently we are having HTML-5 version which is an extension to HTML 4.01, and this version was published in 2012.</p>

</div>

<div id="Chapter6">

<h2>Chapter 1: Introduction</h2>

<p>HTML stands for Hyper Text Markup Language, which is the most widely used language on Web to develop web pages. HTML was created by Berners-Lee in late 1991 but "HTML 2.0" was the first standard HTML specification which was published in 1995. HTML 4.01 was a major version of HTML and it was published in late 1999. Though HTML 4.01 version is widely used but currently we are having HTML-5 version which is an extension to HTML 4.01, and this version was published in 2012.</p>

</div>

<div id="Chapter7">

<h2>Chapter 1: Introduction</h2>

<p>HTML stands for Hyper Text Markup Language, which is the most widely used language on Web to develop web pages. HTML was created by Berners-Lee in late 1991 but "HTML 2.0" was the first standard HTML specification which was published in 1995. HTML 4.01 was a major version of HTML and it was published in late 1999. Though HTML 4.01 version is widely used but currently we are having HTML-5 version which is an extension to HTML 4.01, and this version was published in 2012.</p>

</div>

</body>

```

</html>
Header.html
<html>
    <head>
        <title>header</title>
        <style>
            #header{
                width:100%;
                height:50px;
                background-color: black;
                padding:5px;
                color: white;
            }
            h1{
                margin:5;
                color:white;
                text-align:center;
            }
        </style>
    </head>
    <body>
        <div id="header">
            <h1>Sarvajanik College of Engineering & Technology</h1>
        </div>
    </body>
</html>

```

Output :-

The screenshot shows a web page with a black header bar containing the text "Sarvajanik College of Engineering & Technology". Below the header is a sidebar on the left with red buttons labeled "Chapter 1" through "Chapter 6". The main content area displays the text "Chapter 1: Introduction" followed by a paragraph about HTML history. This pattern repeats for each chapter, with the content area showing "Chapter 1: Introduction" and the sidebar showing the corresponding chapter number.

ASSIGNMENT-5

Create webpage as follow :

Registration Page	
Registration_Id:	<input type="text"/>
Username:	<input type="text"/>
Password:	<input type="password"/>
First Name:	<input type="text"/>
Last Name:	<input type="text"/>
Gender:	<input checked="" type="radio"/> Male <input type="radio"/> Female
Date of Birth:	Day ▾ Month ▾ Year ▾
Address:	<input type="text"/>
City:	Visnagar ▾
State:	Gujarat ▾
Country:	India ▾
Hobbies:	<input checked="" type="checkbox"/> Reading <input checked="" type="checkbox"/> Writing <input type="checkbox"/> Singing
Mobile No.:	<input type="text"/>
Attach C.V.:	<input type="button" value="Choose File"/> No file chosen
<input type="button" value="Submit"/> <input type="button" value="Reset"/>	

```

<html>
<head>
    <title>Registration Page</title>
</head>
<body bgcolor="#012d4c">
    <form>
        <table align=center border=5px bgcolor="#ed9cde"
bordercolor="#012660>
            <tr>
                <th colspan=2 height=50>Registration Page</th>
            </tr>
            <tr>
                <td>Registration_Id:</td>
                <td><input type=text></td>
            </tr>
            <tr>
                <td>Username:</td>
                <td><input type=text></td>
            </tr>
            <tr>
                <td>Password:</td>
                <td><input type=password></td>
            </tr>
            <tr>
                <td>First Name:</td>
                <td><input type=text></td>
            </tr>
            <tr>
                <td>Last Name:</td>
                <td><input type=text></td>
            </tr>
        </table>
    </form>

```

```

<tr>
    <td>Gender:</td>
    <td><input type=radio name="gender" value="male"
checked>Male
        <input type=radio name="gender"
value="female">Female</td>
</tr>
<tr>
    <td>Date of Birth:</td>
    <td>
        <select>
            <option value=day>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>
        </select>
        <select>
            <option value=month>Month</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>
        </select>
        <select>
            <option value=year>Year</option>
            <option value=1>2010</option>
            <option value=2>2011</option>
            <option value=3>2012</option>
            <option value=4>2013</option>
            <option value=5>2014</option>
            <option value=6>2015</option>
            <option value=7>2016</option>
            <option value=8>2017</option>
            <option value=9>2018</option>
            <option value=10>2019</option>
        </select>
    </td>
</tr>
<tr>
    <td >Address:</td>
    <td ><textarea rows=2></textarea></td>
</tr>
<tr>
    <td>City:</td>
    <td>
        <select>
            <option value=visnagar>Visnagar</option>

```

```

                <option value=surat>Surat</option>
                <option
value=ahmedabad>Ahmedabad</option>
                </select>
                </td>
            </tr>
            <tr>
                <td>State:</td>
                <td>
                    <select>
                        <option value=gujarat>Gujarat</option>
                        <option
value=maharashtra>Maharashtra</option>
                            <option value=goa>Goa</option>
                        </select>
                    </td>
                </tr>
                <tr>
                    <td>Country:</td>
                    <td>
                        <select>
                            <option value=india>India</option>
                            <option value=us>US</option>
                            <option value=uk>UK</option>
                        </select>
                    </td>
                </tr>
                <tr>
                    <td>Hobbies:</td>
                    <td>
                        <input type=checkbox name=hobbies
value=reading>Reading
                        <input type=checkbox name=hobbies
value=writing>Writing
                        <input type=checkbox name=hobbies
value=singing>Singing
                    </td>
                </tr>
                <tr>
                    <td>Mobile No.:</td>
                    <td><input type=text></td>
                </tr>
                <tr>
                    <td>Attach C.V.:</td>
                    <td><button>Choose File</button>No file chosen</td>
                </tr>
                <tr>
                    <td
colspan=2><center><button>Submit</button><button>Reset</button></center></td>
                </tr>
            </table>
        </form>
    </body>
</html>
```

JAVA SCRIPT PRACTICAL LIST

1. Write a javascript program to display “hello world” using internal javascript and external javascript.

Program :-

```
<!--JS_Practical_1.html-->
<html>
    <head>
        <title>JS_Practical_1</title>
    </head>
    <body>
        Internal :-<br>
        <script>
            document.write("Hello World!");
        </script>
        <br>External :-<br>
        <script src=".//JS_Practical_1.js" type="text/javascript"></script>
    </body>
</html>
<!--JS_Practical_1.js-->
document.write("Hello World!");
```

Output :-

```
Internal :-
Hello World!
External :-
Hello World!
```

2. Write a javascript program to demo of local and global variables.

Program :-

```
<html>
<head>
    <title>Javascript Local and Global variables</title>
</head>
<body>
    <script type="text/javascript">
        var global = "Global variable";
        myfunction();
        function myfunction() {
            var local = "Local variable<br>";
            document.write(local);
            document.write(global);
        }
    </script>
</body>
</html>
```

Output :-

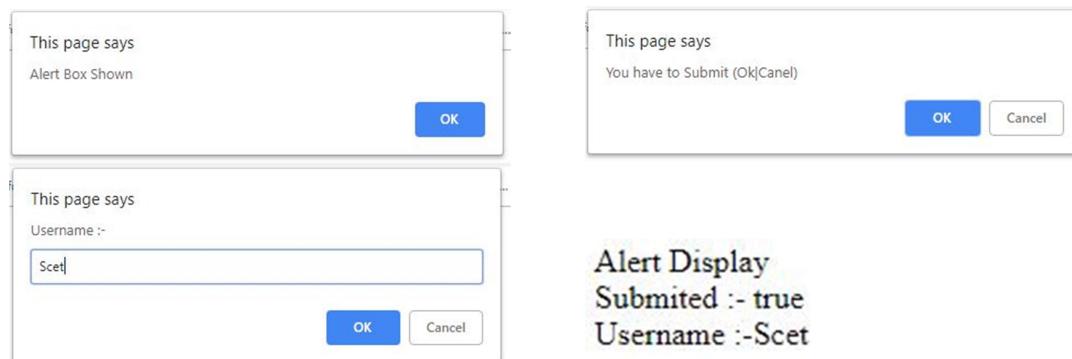
Local variable
Global variable

3. Write a javascript program to demo alert box, conditional box and prompt box.**Program :-**

```
<!--JS_Practical_3.html-->
<html>
<head>
<title>JS_Practical_3</title>
</head>
<body>
<script>

    document.write("Alert Display");
    alert("Alert Box Shown");
    var status=confirm("You have to Submit (Ok|Cancel)");
    document.write("<br>Submitted :- "+status);
    var name=prompt("Username :-","");
    document.write("<br>Username :-"+name);

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

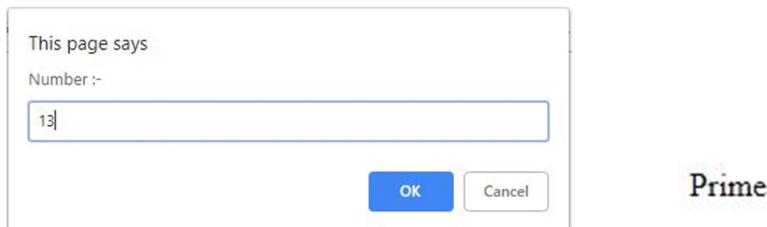
Output :-**4. Write a javascript program to take user input as integer from user and find out that number is prime or not.****Program :-**

```
<!--JS_Practical_4.html-->
<html>
<head>
<title>JS_Practical_4</title>
```

```

</head>
<body>
<script>
    var number=prompt("Number :-","");
    var n=parseInt(number);
    flag=false;
    //document.write(n+number);
    for(var i=2;i<n/2;i++)
    {
        if(n%i==0)
            flag=true;
    }
    if(flag)
        document.write("Not Prime");
    else
        document.write("Prime");
</script>
</body>
</html>

```

Output :-

Prime

5. Write a javascript program to calculate of a person age. Take user's birthdate from user and current date from system.**Program :-**

```

<!--JS_Practical_5.html-->
<html>
<head><title>JS_Practical_5</title></head>
<body>
<script>
    var birthDate=prompt("Date Of Birth (DD/MM/YYYY) :-","");
    var date=birthDate.split("/");
    var bod=new Date(parseInt(date[2]),parseInt(date[1])-1,parseInt(date[0]));
    var sysDate=new Date();
    var month=sysDate.getMonth();
    var year=sysDate.getFullYear();
    var days=sysDate.getDay();
    age = year - parseInt(date[2]);

```

```

        if ( month < (parseInt(date[1]) - 1))
    {
        age--;
    }
    if (((parseInt(date[1]) - 1) == month) && (days < parseInt(date[0])))
    {
        age--;
    }
    document.write("Age :-" + age + "<br>Date Of Birth :- " + bod);
</script>
</body>
</html>

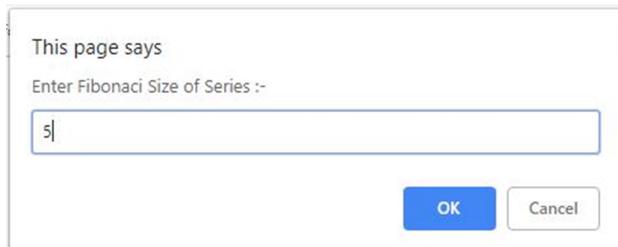
```

Output :-**6. Write a javascript program to print Fibonacci series using function.****Program :-**

```

<!--JS_Practical_6-->
<html>
<head>
<title>JS_Practical_6</title>
</head>
<body>
    <script>
        var n=prompt("Enter Fibonaci Size of Series :- ");
        n1=1;
        n2=n1;
        document.write(n1+"<br>" +n2);
        for(i=2;i<parseInt(n);i++)
        {
            n3=n1+n2;
            n1=n2;
            n2=n3;
            document.write("<br>" +n3);
        }
    </script>
</body>
</html>

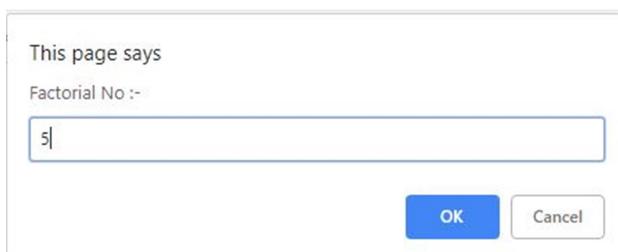
```

Output :-

1
1
2
3
5

7. Write a javascript function to find factorial of a given number and return the answer.**Program :-**

```
<!--JS_Practical_7-->
<html>
<head><title>JS_Practical_7</title></head>
<script>
function fact(x)
{
    if(x==1)
        return 1;
    else
        return x*fact(x-1);
}
</script>
<body>
<script>
    var no=prompt("Factorial No :-","");
    var ans=fact(parseInt(no));
    document.write(no+" :- "+ans);
</script>
</body>
</html>
```

Output :-

5 :- 120

8. Create different variables of Array and string objects. And use all the functions related to that.

Program :-

```

<html>
<head><title>Array & String</title>
<script input="text/javascript">
var subject=["wt","se","aj","cg","toc"];
var name="Parth Roy";
var le=name.length;
document.write(subject[0]);
subject.push(" pushed element : de <br>");
document.write(subject[5]);
subject.pop();
document.write("element popped");
document.write("<br>");
document.write("join method<br>");
document.write(subject.join("****"));
document.write("<br>Strings methods");
document.write("length ",le)
le=name.indexOf("Roy");
document.write("<br>index of method Parth",le);
le=name.search("Parth");
document.write("<br>search index Parth:",le);
var sl=name.slice(3,9);
document.write("<br> slice method 3-9",sl);
var n=sr.replace("Parth","king");
document.write("<br>method replace",n);
</script>
</head>
</html>

```

Output :-

```

wt pushed element : de
element popped
join method
wt****se****aj****cg****toc
Strings methodslength 9
index of method Parth6
search index Parth:0
slice method 3-9th Roy

```

9. Create javascript that scroll some message in Status window of browser.

Program :-

```
<!DOCTYPE html>
<html>
<head>
</head>
<body>
<script>
    var status="Parth Roy";
    //i=0;
    window.status="Parth Roy";
    setTimeout(function(){
        ch1=status[0];
        var subStr=status.substring(1);
        status=subStr+ch1;
        window.status=status;
    },1000);
    document.write("Status is Visible");

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

10. Write a javascript program to change the background color of web page repeatedly.

Program :-

```
<html>
<head>
<title>JS_Practical_10</title>
</head>
<body>
<script>
    var colour=["red","yellow","blue","green","black"];
    i=0;
setInterval(function(){
    document.body.style.backgroundColor=colour[i++];
    if(i==colour.length)
    {
        i=0;
    }
},1000);
</script>
</body>
</html>
```

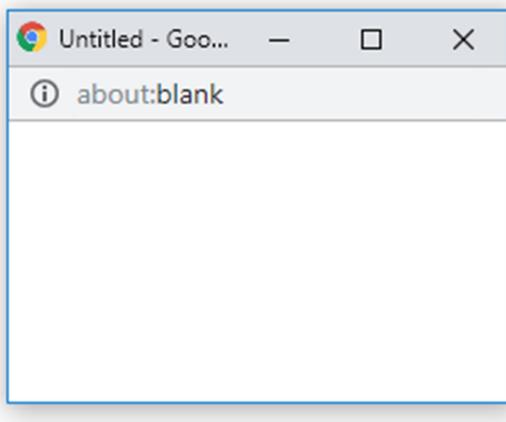
Output :-

11. Create a webpage containing one button. clicking on this button change the size of the window & position.

Program :-

```
<html>
<body>
<button onclick="resizeWin()">ReSize & Position</button>
<script>

function resizeWin() {
    window.resizeTo(250, 250);
    window.focus();
}
</script>
</body>
</html>
```

Output :-

12. Put three button “OPEN NEW WINDOW”, “CLOSE CHILD WINDOW”, “CLOSE MAIN WINDOW” in main HTML page, on click of first button, execute some JavaScript code that will open one child window. Clicking on second button child window will close and third button main html page will close.

Program :-

```
<html>
```

```
  <head><title>Put three button</title>
```

```
  <h5>Put three button “OPEN NEW WINDOW”, “CLOSE CHILD WINDOW”, “CLOSE MAIN  
WINDOW” in main HTML page, on click of first button, execute some JavaScript code that  
will open one child window. Clicking on second button child window will close and third  
button main html page will close.</h5>
```

```
  <script input="text/javascript">
```

```
    function mynewin(){
```

```
      var myWindow = window.open("", "myWindow", "width=200, height=100");
```

```
    }
```

```
    function myclosewin(){
```

```
      myWindow.close();
```

```
    function myclosemain(){
```

```
      window.close();
```

```
    }
```

```
  </script></head><body>
```

```
    <button onclick="mynewin()">
```

```
      click for new window</button>
```

```
    <button onclick="myclosewin()">
```

```
      Click here for closing child window onclick</button>
```

```
    <button onclick="myclosemain() ">
```

```
      Click here to close main window</button>
```

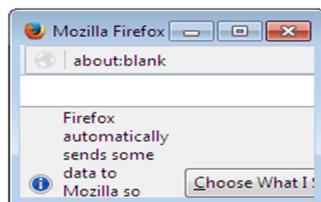
```
  </body>
```

```
</html>
```

Output :-

Put three button “OPEN NEW WINDOW”, “CLOSE CHILD WINDOW”, “CLOSE MAIN WINDOW” in main HTML page, on click of first button, execute some JavaScript code that will open one child window. Clicking on second button child window will close and third button main html page will close.

[click for new window](#) [Click here for closing child window onclick](#) [Click here to close main window](#)

**13. Write a javascript to get details from visitors browser.****Program :-**

```
<html>
<body><script>
    document.write("Browser : " + navigator.appCodeName+<br>);
    document.write("Agent : " + navigator.userAgent);
</script></body>
</html>
```

Output :-

Browser : Mozilla

Agent : Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/71.0.3578.98 Safari/537.36

14. Write a javascript program to rotate images.**Program :-**

```
<html><body>
<canvas id="myCanvas" width="300" height="150" style="border:1px solid #d3d3d3;">
</canvas><script>
var c = document.getElementById("myCanvas");
var ctx = c.getContext("2d");
ctx.rotate(20 * Math.PI / 180);
ctx.fillRect(100, 50, 100, 50);
</script></body></html>
```

Output :-

15. Write a javascript program to zoom out the image. use mouseover event for the same.

Program :-

```
<html><body>

![Smiley](http://pngimg.com/uploads/google/google_PNG19635.png)
```

Output :-

PRACTICAL LIST

2. Creating a form registeryourself .html(format available on intra) using above learnt tags

Program :-

```

<html>
<head>
<title>Assignment_5</title>

<style>
table
{
    width:60%;
    background-color:rgba(255,255,0,0.75);
    border-color:#F53218;
    border-width:15px;
}
input{
    background-color:rgba(255,205,120,0.85);
}
.header{
    border-width: 2px;
    border-style: solid;
    border-color: black;
    width:55%;
    margin:0 auto;
    padding:15px;
    background-color:gray;
}
</style>
</head>
<body>
<form action="#" method="POST" onSubmit="onSubmit()">

<h2 align="center" valign="center" class="header">Registration YourSelf</h2>

<table border="2" align="center">
<tr>
    <td><label>Enter Your Name :</label></td>
    <td> <input type="text" name="name" placeholder="Enter Name"></td>
</tr>
<tr>
    <td><label>Enter Password :</label></td>
    <td><input type="password" name="password1" placeholder="Enter Password"></td>

```

```
</tr>
<tr>
    <td><label>Confirm Password :</label></td>
    <td><input type="password" name="password2" placeholder="Confirm Password"></td>
</tr>
<tr>
    <td>
        <label>Address :</label>
    </td>
    <td>
        <textarea rows="4" cols="30" name="address"></textarea>
    </td>
</tr>
<tr>
    <td><label>City :</label></td>
    <td>
        <select name="city">
            <option>Surat</option>
            <option>Ahmedabad</option>
            <option>Vadodara</option>
        </select>
    </td>
</tr>
<tr>
    <td><label>State :</label></td>
    <td>
        <select name="state">
            <option>Gujarat</option>
            <option>Rajasthan</option>
            <option>Delhi</option>
        </select>
    </td>
</tr>
<tr>
    <td><label>Contact Number :</label></td>
    <td><input type="number" name="phone-no" placeholder="Enter Phone No."></td>
</tr>
<tr>
    <td><label>E-Mail Address:</label></td>
    <td><input type="email" name="email" placeholder="Enter E-Mail Address"></td>
</tr>
<tr>
    <td><label>Gender :</label></td>
    <td>
        <input type="radio" name="gender" value="Male" checked>Male
        <input type="radio" name="gender" value="Female">Female
    </td>
</tr>
```

```

        </td>
    </tr>
    <tr>
        <td><label>Area of Interest :</label></td>
        <td>
            <input type="checkbox" name="language" value="asp">ASP
            <input type="checkbox" name="language" value="jsp">JSP
            <input type="checkbox" name="language" value="php">PHP
        </td>
    </tr>

    <tr>
        <td align="center">
            <input type="submit" value="Submit">
        </td><td>
            <input type="reset" value="Reset">
        </td>
    </tr>

</table>
</form>
<script src=".//Practical_3.js"></script>

</body>
</html>

```

Output :-

Registration YourSelf	
Enter Your Name :	<input type="text" value="Enter Name"/>
Enter Password :	<input type="password" value="Enter Password"/>
Confirm Password :	<input type="password" value="Confirm Password"/>
Address :	<input type="text"/>
City :	<input style="width: 100px;" type="text" value="Surat"/>
State :	<input style="width: 100px;" type="text" value="Gujarat"/>
Contact Number :	<input type="text" value="Enter Phone No."/>
E-Mail Address:	<input type="text" value="Enter E-Mail Address"/>
Gender :	<input checked="" type="radio"/> Male <input type="radio"/> Female
Area of Interest :	<input type="checkbox"/> ASP <input type="checkbox"/> JSP <input type="checkbox"/> PHP
<input type="button" value="Submit"/>	<input type="button" value="Reset"/>