Practical 1 a

Aim: Design a web page using different text formatting tags

Code:

```
<!DOCTYPE html>
<html>
<head>
<title>different text formatting tags</title>
</head>
<body>
<hgroup>
<h1>heading1</h1>
<h2>heading2</h2>
</hgroup>
<p>the gardener poem says,...</p>
<blockquote>
silly gardener!summer goes<br>
and winter comes with pinching<br>
when in the garden bare and brown<br>
you must lay your barrow down<br>
</blockquote><br>
<b><i>hello friends</i></b><br>
h<sub>2</sub>so<sub>4</sub><br>
(a+b)<sup>2</sup>=a<sup>2</sup>+2ab+b<sup>2</sup><br>
h<sub>2</sub>o<br>
<kbd>hello</kbd><br>
<code>hello</code><br>
<samp>hello</samp><br><br>
```

<pre>hello friends how are you? I am fine and I hope you will also fine.

</pre>

</body>

</html>

Output:

---

heading1

heading2

the gardener poem says,...

> silly gardener!summer goes
> and winter comes with pinching
> when in the garden bare and brown
> you must lay your barrow down

hello friends

h_2so_4

$(a+b)^2=a^2+2ab+b^2$

h_2o

```
hello
hello
hello
```

```
hello friends how are you? I am fine and I hope you will also fine.
```

Practical 1 b

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

Create page one.html having a link to two.html, create two.html having a link to three.html. Print “Welcome to Hyperlinks” in three.html.

Code:

One.html

```
<!DOCTYPE html>
<html>
<haed>
<title>One</title>
</head>
<body>
<a href="two.html">Go to Two.html</a>
</body>
</html>
```

Two.html

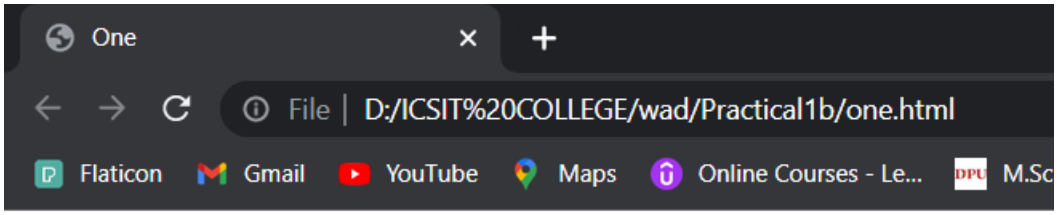
```
<!DOCTYPE html>
<hrtml>
<head>
<title>Two</title>
</head>
<body>
Welcome to two.html.
<br>
<a href="three.html">Go to three.html</a>
```

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

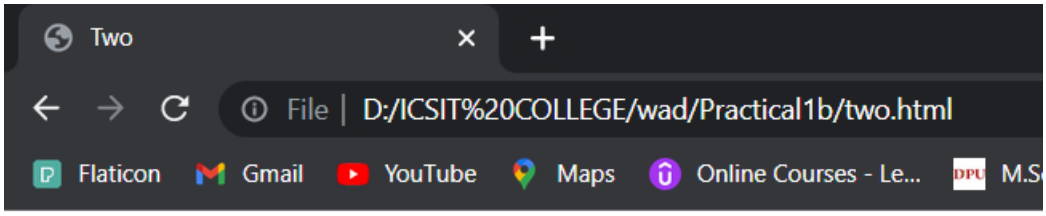
Three.html

```
<!DOCTYPE html>
<hrtml>
<head>
<title>Three</title>
</head>
<body>
Welcome to Hyperlinks.
</body>
</html>
```

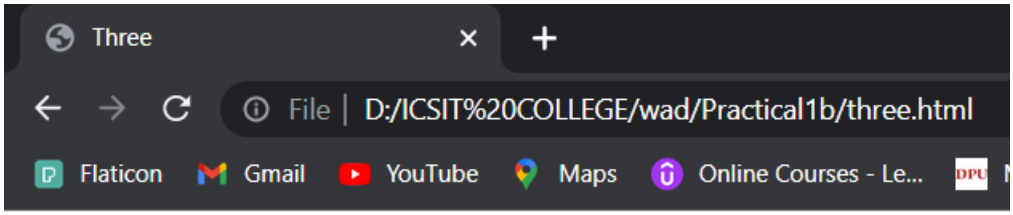
Output:



Go to Two.html



Welcome to two.html.
Go to three.html



Welcome to Hyperlinks.

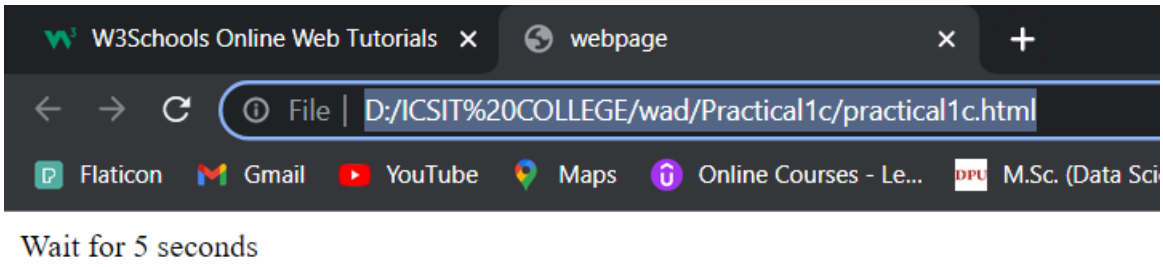
Practical 1 c

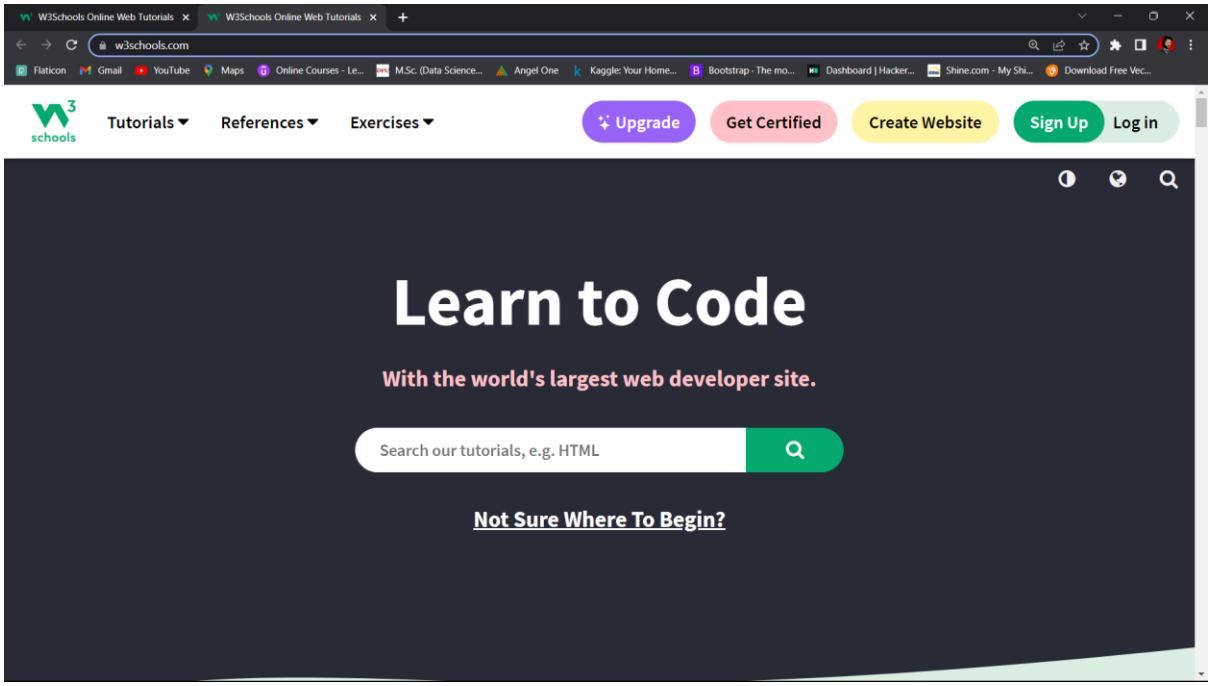
Aim: Design a web page that automatically redirects the user to another page.

Code:

```
<!doctype>
<html>
<head>
<title>webpage </title>
<meta http-equiv="refresh" content=5;url="https://www.w3schools.com/"/>
</head>
<body>
Wait for 5 seconds
</body>
</html>
```

OUTPUT:




W3Schools Online Web Tutorials
W3Schools Online Web Tutorials
w3schools.com
Flaticon
Gmail
YouTube
Maps
Online Courses - Le...
M.Sc. (Data Science...
Angel One
Kaggle: Your Home...
Bootstrap - The mo...
Dashboard | Hacker...
Shine.com - My Shi...
Download Free Vec...
Tutorials
References
Exercises
Upgrade
Get Certified
Create Website
Sign Up
Log in
Learn to Code
With the world's largest web developer site.
Search our tutorials, e.g. HTML
Not Sure Where To Begin?

Practical 2 a

Aim: Design a webpage demonstrating different stylesheet types.

CODE:

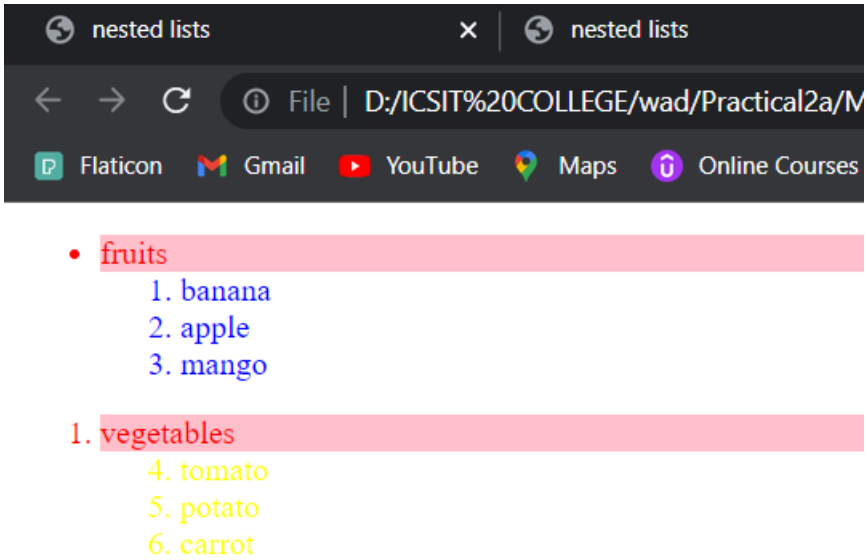
```
<!DOCTYPE html>
<html>
<head>
<title>nested lists</title>
<style type="text/css">
.fruits{color:blue}
.vegetables{color:yellow}
</style>
<link rel="stylesheet" type="text/css" href="stylesheet.css">
</head>
<body>
<ul>
	<li class="bg" style="color:red">fruits</li>
	<ol>
		<li class="fruits">banana</li>
		<li class="fruits">apple</li>
		<li class="fruits">mango</li>
	</ol>
</ul>
<ol>
	<li class="bg" style="color:red">vegetables</li>
	<ol class="grp1" start="4">
		<li class="vegetables">tomato</li>
		<li class="vegetables">potato</li>
```

```
            <li class="vegetables">carrot</li>
        </ol>
</ol>
</body>
</html>
```

STYLESHEET:

```
.bg{background-color:pink
```

OUTPUT:



Practical 3 a

Aim: Design A Web Page Demonstrating Different Semantics

Code:

```
<!DOCTYPE html>
<html>
<head>
	<title>Semantic Elements</title>
</head>
<body>
	<header>
		<nav>
			<ul>
				<li><a href="#">Home</a></li>
				<li><a href="#">About Us</a></li>
				<li><a href="#">Services</a></li>
				<li><a href="#">Contact Us</a></li>
			</ul>
		</nav>
		<h1>Welcome to our website!</h1>
	</header>
	<main>
	<section>
		<article>
			<h2>About Us</h2>
			<p>We are a team of dedicated professionals who strive to provide the best services to our clients. Our mission is to make your life easier by taking care of all your needs.</p>
```

```
            </article>

            <article>
                <h2>Services</h2>
                <ul>
                    <li>Web Development</li>
                    <li>Graphic Design</li>
                    <li>Search Engine Optimization</li>
                    <li>Social Media Marketing</li>
                </ul>
            </article>
        </section>
        <aside>
            <h2>Contact Us</h2>
            <address>
                <p>123 Main St.</p>
                <p>Anytown, USA</p>
                <p>Phone: 555-555-5555</p>
                <p>Email: info@ourcompany.com</p>
            </address>
        </aside>
    </main>
    <footer>
        <p>&copy; 2023 Our Company. All rights reserved.</p>
    </footer>
    </body>
    </html>
```

Output:

- Home
- About Us
- Services
- Contact Us

Welcome to our website!

About Us

We are a team of dedicated professionals who strive to provide the best services to our clients. Our mission is to make your life easier by taking care of all your needs.

Services

- Web Development
- Graphic Design
- Search Engine Optimization
- Social Media Marketing

Contact Us

123 Main St.

Anytown, USA

Phone: 555-555-5555

Email: info@ourcompany.com

© 2023 Our Company. All rights reserved.

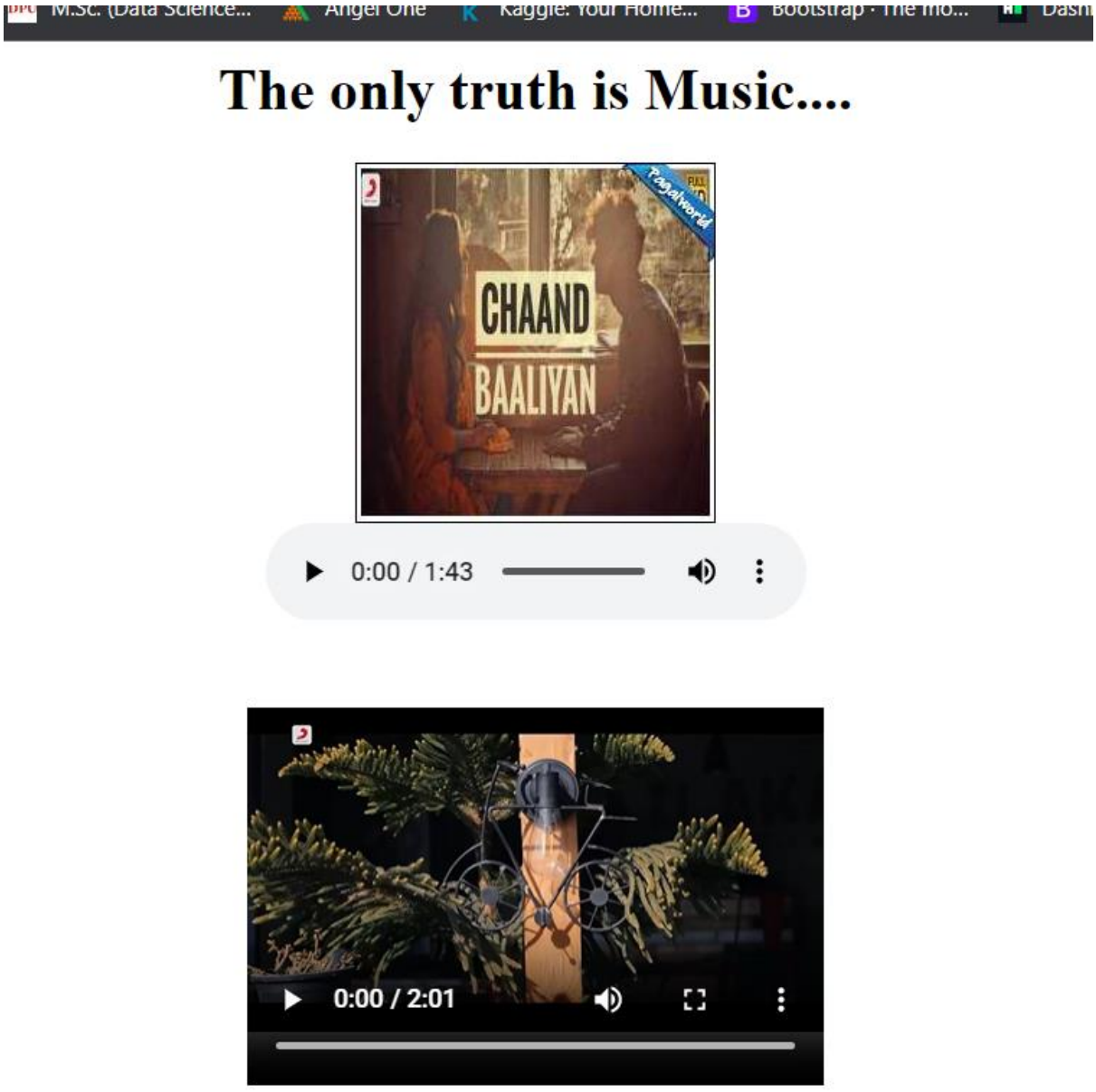
Practical 3 b

Aim: Design a webpage embedding image,audio and video.

CODE:

```
<html>
<head>
<title>webpage</title>
</head>
<body>
<header>
<h1><center>The only truth is Music....</center></h1>
</header>
<center><img src="cb.jpg" width="200" height="200"></center>
<center><audio controls>
<source src="Chaand Baaliyan.mp3" type="audio/mp3">
</audio>
</center>
</br>
<center><video width="320" height="240" controls>
<source src="Chaand Baaliyan.mp4" type="video/mp4"></center>
<center>
<footer><p>&copy;Webpage Design By ABC</p></footer>
</center>
</video>
</body>
</html>
```

OUTPUT:


M.Sc. (Data Science...
Angel One
Kaggle: Your Home...
Bootstrap · The fro...
The only truth is Music....
CHAAND
BAALIYAN
Pagalworld
0:00 / 1:43
0:00 / 2:01
©Webpage Design By ABC

Practical 4 a

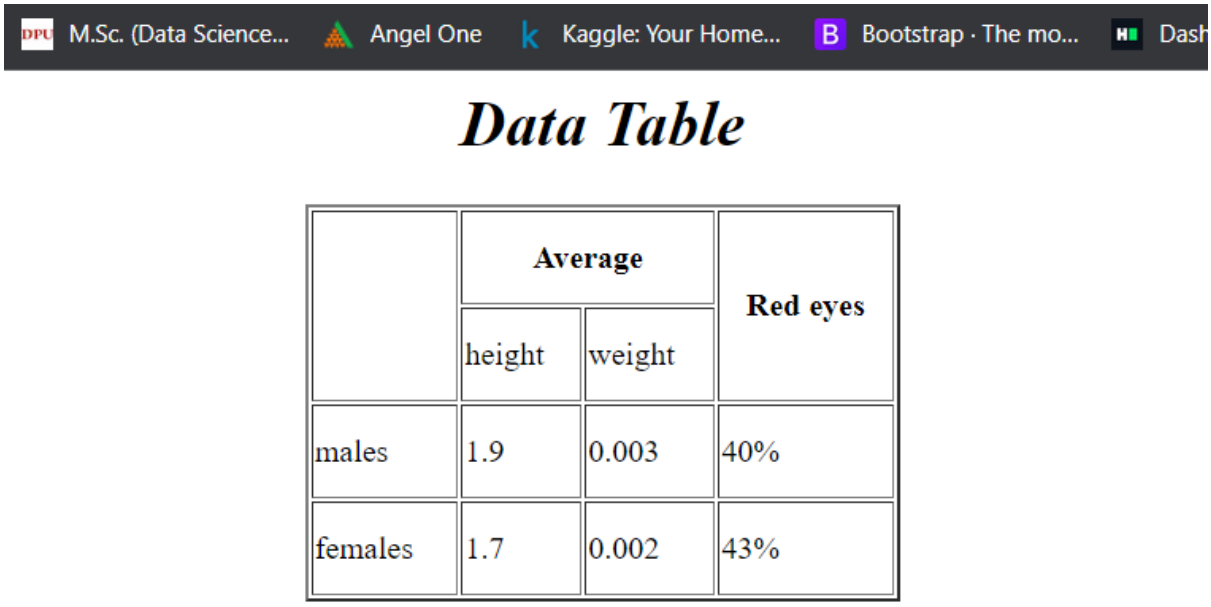
Aim: Design a webpage with different tables.

CODE:

```
<!doctype>
<html>
<head>
<title>table</title>
</head>
<body>
<center>
<h1> <i>Data Table </i></h1>
<table border="2" width="300" height="200">
<th rowspan="2">        </th>
<th colspan="2">Average</th>
<th rowspan="2">Red eyes</th>
<tr>
<td>height</td>
<td>weight</td>
</tr>
<tr>
<td>males</td>
<td>1.9</td>
<td>0.003</td>
<td>40%</td>
</tr>
<tr>
<td> females</td>
```

```
<td>1.7</td>
<td>0.002</td>
<td>43%</td>
</tr>
</table>
</center>
</body>
</html>
```

OUTPUT:



Practical 4 b

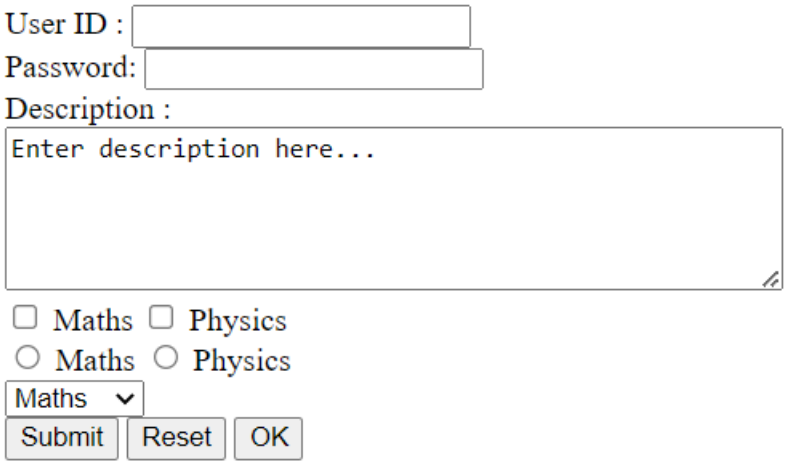
Aim: Design a webpage with a forms that uses all types of controls.

CODE:

```
<!DOCTYPE html>
<html>
<head>
<title>Password Input Control</title>
</head>
<body>
<form >
User ID : <input type="text" name="user_id" />
<br>
Password: <input type="password" name="password" />
<br>
Description : <br />
<textarea rows="5" cols="50" name="description">
Enter description here...
</textarea>
<br>
<input type="checkbox" name="maths" value="on"> Maths
<input type="checkbox" name="physics" value="on"> Physics
<br>
<input type="radio" name="subject" value="maths"> Maths
<input type="radio" name="subject" value="physics"> Physics
<br>
<select name="dropdown">
<option value="Maths" selected>Maths</option>
```

```
<option value="Physics">Physics</option>
</select>
<br>
<input type="submit" name="submit" value="Submit" />
<input type="reset" name="reset" value="Reset" />
<input type="button" name="ok" value="OK" />
</form>
</body>
</html>
```

OUTPUT:



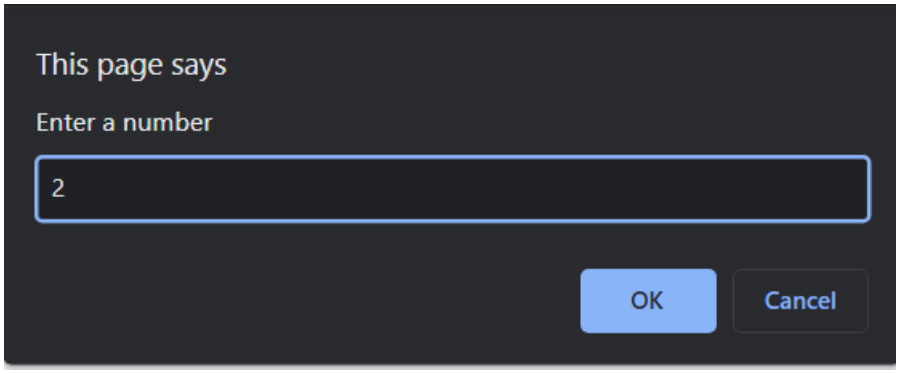
Practical 5 a

Aim: Using javascript, design a webpage to accept a number from user and to print its factorial.

CODE:

```
<!DOCTYPE html>
<html>
<head>
<title>Factorial Demo</title>
<script language="javascript">
var x=parseInt(prompt("Enter a number",""));
var fact=1,i;
for(i=1;i<=x;i++)
fact*=i;
document.write("<h1>Factorial of "+x+" is : "+fact+"</h1>");
</script>
</head>
<body>
</body>
</html>
```

OUTPUT:



Factorial of 2 is : 2

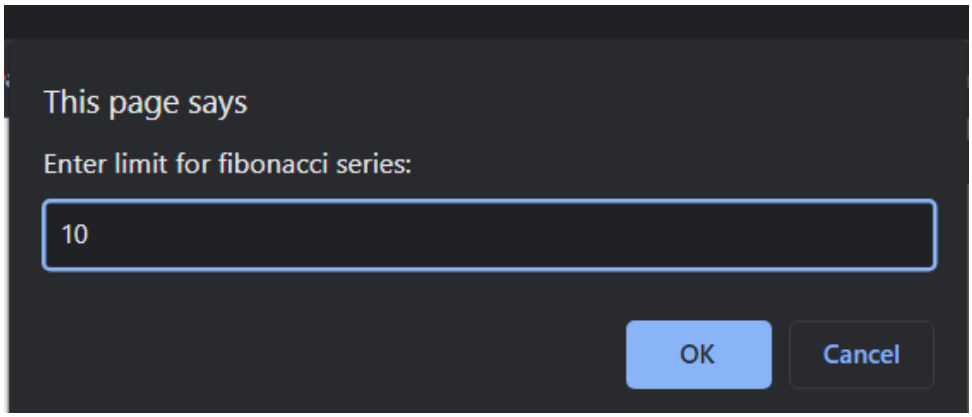
Practical 5 b

Aim: Using javascript, a webpage that prints Fibonacci series/any given series.

CODE:

```
<!DOCTYPE html>
<html>
<head>
<title>Fibonacci series Demo</title>
<script language="javascript">
var a=0,b=1,c,n,i;
n=parseInt(prompt("Enter limit for fibonacci series:",""));
document.write("<h2> Fibonacci series: </h2><br>");
document.write(a+" "+b+" ");
for(i=2;i<n;i++)
{
c=a+b;
document.write(c+" ");
a=b;
b=c;
}
</script>
</head>
<body>
</body>
</html>
```

OUTPUT:



Fibonacci series:

0 1 1 2 3 5 8 13 21 34

Practical 5 c

Aim: Using javascript, program to display all the prime numbers between 1 and 100.

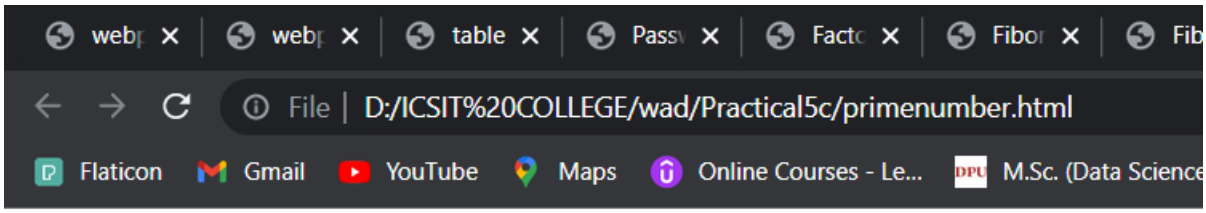
CODE:

```
<html>
<head>
<title>prime numbers</title>
</head>
<body>
<script>
var i,n,count;
for(n=1;n<=100;n++)
{
 count=0;
 for(i=2;i<=n/2;i++)
 {


  if(n%i==0)
  {
    count++;
    break;
  }
 }
 if(count==0 && n!=1)
 {
  document.write("\n"+n);
```

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

OUTPUT:



2 3 5 7 11 13 17 19 23 29 31 37 41 43 47 53 59 61 67 71 73 79 83 89 97

Practical 5 d

Aim :- Write a javascript program to a number from the user and display the sum of its digits.

Code:

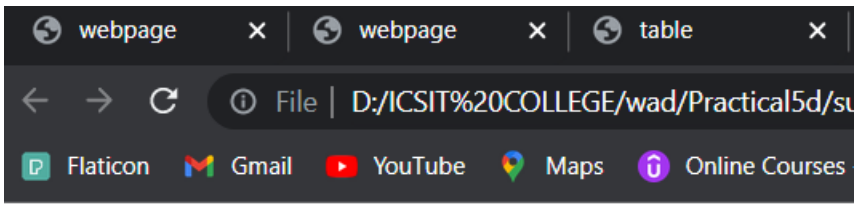
```
<!doctype html>
<html>
<head>
<title>Sum of Digits</title>
</head>
<body>
<p>Enter the Number: <input id="num"></p>
<button onclick="SumOfDigit()">Sum of Digits Of Number</button>
<p>Result = <input id="result"></p>
<script>
function SumOfDigit()
{
  var num, rem, sum=0;
  num = parseInt(document.getElementById("num").value);

  while(num)
  {
    rem = num%10;
    sum = sum+rem;
    num = Math.floor(num/10);
  }
  document.getElementById("result").value = sum;
}
```

```
</script>


</body>
</html>
```

OUTPUT:



Enter the Number:

Sum of Digits Of Number

Result =

Practical 6

Aim: using javascript design a web page demonstrating different native objects of javascript

Code:

```
<html>
<body>
  <h2> JavaScript Native Objects <i> compilation </i> </h2>
  <p id="demo"> </p>
</body>
<script>
  document.getElementById("demo").innerHTML = "Boolean Object: " + new Boolean(true) + "<br>";
  document.getElementById("demo").innerHTML += "Array Object: " + new Array([5, 6, 7, 18]) + "<br>";
  document.getElementById("demo").innerHTML += "Date Object: " + new Date() + "<br>";
  document.getElementById("demo").innerHTML += "String Object: " + new String("Hello World Starts") + "<br>";
  document.getElementById("demo").innerHTML += "Number Object: " + new Number(777) + "<br>";
  document.getElementById("demo").innerHTML += "Math Object: " + Math.PI + "<br>";
  let text = "HI User";
  let pattern = /Hi user/i;
  let result = text.match(pattern);
  document.getElementById("demo").innerHTML += "RegExp Object: " + result + "<br>";
</script>
</html>
```

Output:

JavaScript Native Objects *compilation*

Boolean Object: true
Array Object: 5,6,7,18
Date Object: Tue Apr 04 2023 23:07:32 GMT+0530 (India Standard Time)
String Object: Hello World Starts
Number Object: 777
Math Object: 3.141592653589793
RegExp Object: HI User

Practical 7 a

Aim : Write a Javascript program to design simple Calculator.

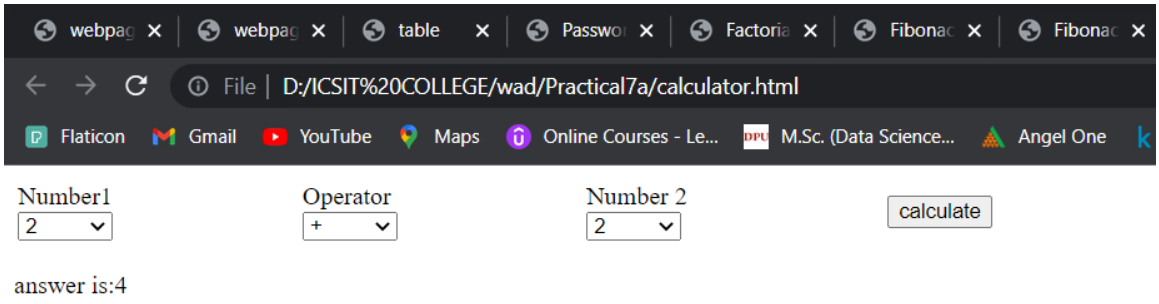
Code:

```
<!DOCTYPE html>
<html>
<head>
<title>Calculator</title>
<script language="javascript">
function calc()
{
var n1,n2,opr,x;
n1=parseInt(f1.s1.value);
n2=parseInt(f1.s3.value);
opr=f1.s2.value;
if(opr=="add")
x=n1+n2;
else if(opr=="sub")
x=n1-n2;
else if(opr=="multi")
x=n1*n2;
else if(opr=="div")
x=n1/n2;
else
alert("please select operator");
document.getElementById("ans").innerHTML="answer is:"+x;
}
```

```
</script>
</head>
<body>
<form name="f1">
<table width=50%>
<tr>
<td>Number1<br>
<select name="s1" size=1>
<option>Select</option>
<option value="0">0</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>
</select>
</td>
<td>Operator<br>
<select name="s2" size=1>
<option>Select</option>
<option value="add">+</option>
<option value="sub">-</option>
<option value="multi">*</option>
```

```
<option value="div">/</option>
</select>
</td>
<td>Number 2<br>
<select name="s3" size=1>
<option>Select</option>
<option value="0">0</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>
</select>
</td>
<td>
<input type="button" value="calculate" onclick="calc()">
</td>
</tr>
</table>
</form>
<p id="ans"> </p>
</body>
</html>
```

OUTPUT:


webpag
webpag
table
Passwo
Factoria
Fibonac
Fibonac
File | D:/ICSIT%20COLLEGE/wad/Practical7a/calculator.html
Flaticon
Gmail
YouTube
Maps
Online Courses - Le...
M.Sc. (Data Science...
Angel One
Number1
2
Operator
+
Number 2
2
calculate
answer is:4

Practical 8

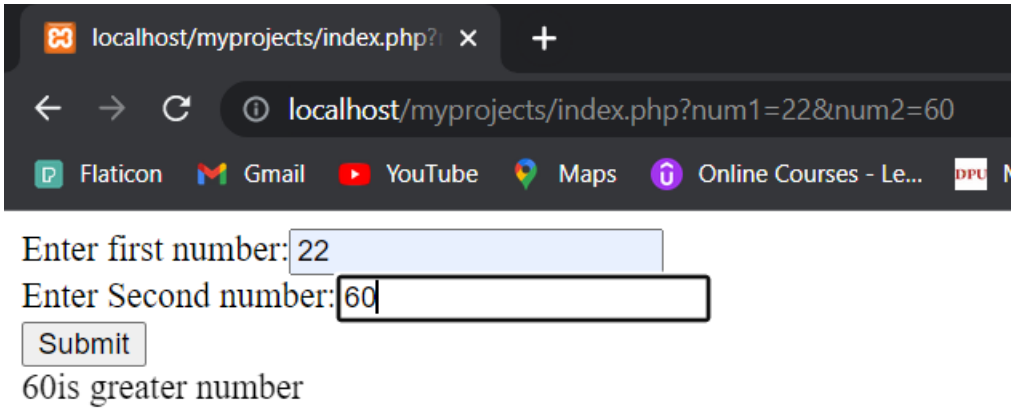
Aim: Write a PHP code to find the greater of 2 numbers. Accept the number from the user.

Code:

Index1.php

```
<!doctype>
<html>
<head>
<title>php</title>
</head>
<body>
 <form method="GET" action="index1.php">
 Enter First number:<input type="text" name="num1"><br>
 Enter second number:<input type="text" name="num2"><br>
<input type="submit">
</form>
 <?php
 $_GET['num1'];
 $_GET['num2'];
 if($_GET['num1']>$_GET['num2'])
 echo $_GET['num1']."is greater number";
 else
 echo $_GET['num2']."is greater number";
 ?>
</body>
</html>
```

Output:


localhost/myprojects/index.php?
localhost/myprojects/index.php?num1=22&num2=60
Flaticon
Gmail
YouTube
Maps
Online Courses - Le...
Enter first number: 22
Enter Second number: 60
Submit
60is greater number