EX.NO:01

DATE:

Write HTML scripts to illustrate lists and tables

PROGRAM:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device- width, initial-scale=1.0">
<title>sample 1</title>
</head>
<body>
<center><h1>Student Marks</h1></center>
<ol>
<li>Boomika <ul>
<li>Web Tech <ol type="A">
<li>Internal</li>
<li>External</li>
<li>Total</li>
</ol></li>
<li>Data Mining <ol type="A">
<li>Internal</li>
<li>External</li>
<li>Total</li>
</ol></li></ul></li>

<li>Aaranya <ul>
```

```
<li>Web Tech <ol type="A">
<li>Internal</li>
<li>External</li>
<li>Total</li>
</ol></li>
<li>Data Mining <ol type="A">
<li>Internal</li>
<li>External</li>
<li>Total</li>
</ol></li></ul></li>

<li>Aarthi <ul>
<li>Web Tech <ol type="A">
<li>Internal</li>
<li>External</li>
<li>Total</li>
</ol></li>
<li>Data Mining <ol type="A">
<li>Internal</li>
<li>External</li>
<li>Total</li>
</ol></li></ul></li>

<li>Gayatri <ul>
<li>Web Tech <ol type="A">
<li>Internal</li>
<li>External</li>
<li>Total</li>
```

```
</ol></li>
<li>Data Mining <ol type="A">
<li>Internal</li>
<li>External</li>
<li>Total</li>
</ol></li></ul></li>

<table border="1">
<th rowspan="2">Name</th>
<th colspan="3">Web Tech</th>
<th colspan="3">Data Mining</th>

<tr><th>External</th>
<th>Internal</th>
<th>Total</th>
<th>External</th>
<th>Internal</th>
<th>Total</th>
</tr>
<tr>
<td>Boomika</td>
<td>30</td>
<td>50</td>
<td>80</td>
<td>35</td>
<td>55</td>
<td>90</td>
</tr>
```

```
<tr>
<td>Aaranya</td>
<td>35</td>
<td>45</td>
<td>80</td>
<td>39</td>
<td>51</td>
<td>90</td>
</tr>
<tr>
<td>Aarthi</td>
<td>30</td>
<td>40</td>
<td>70</td>
<td>40</td>
<td>40</td>
<td>80</td>
</tr>
<tr>
<td>Gayatri</td>
<td>32</td>
<td>48</td>
<td>80</td>
<td>33</td>
<td>47</td>
<td>80</td>
</tr>
</table>
```

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

OUTPUT:

Student Marks

1. Boomika
   - Web Tech
     A. Internal
     B. External
     C. Total
   - Data Mining
     A. Internal
     B. External
     C. Total
2. Aaranya
   - Web Tech
     A. Internal
     B. External
     C. Total
   - Data Mining
     A. Internal
     B. External
     C. Total
3. Aarthi
   - Web Tech
     A. Internal
     B. External
     C. Total
   - Data Mining
     A. Internal
     B. External
     C. Total
4. Gayatri
   - Web Tech
     A. Internal
     B. External
     C. Total
   - Data Mining
     A. Internal
     B. External
     C. Total

Name	Web Tech			Data Mining		
	External	Internal	Total	External	Internal	Total
Boomika	30	50	80	35	55	90
Aaranya	35	45	80	39	51	90
Aarthi	30	40	70	40	40	80
Gayatri	32	48	80	33	47	80

RESULT:

Thus the above program has been successfully executed & verified.

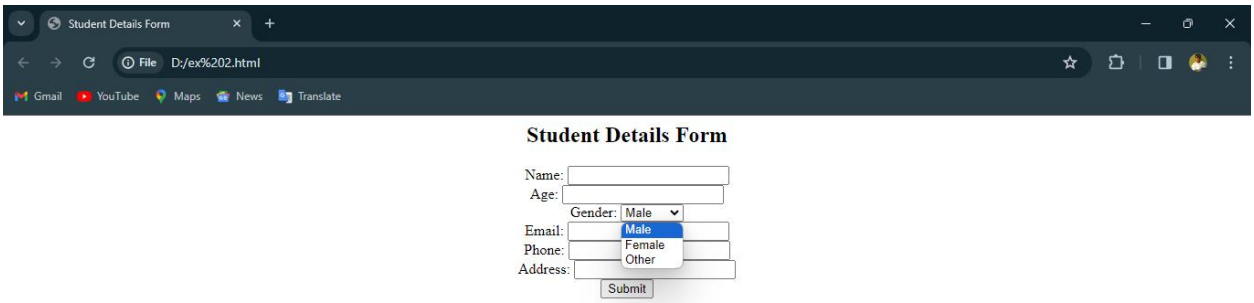
EX.NO:02 DATE:	Write HTML scripts to illustrate forms

PROGRAM:

```
<html>
<head>
<title>Student Details Form</title>
</head>
<body><center>
<div>
<h2>Student Details Form</h2>
<form action="#" method="post">
<div>
<label for="name">Name:</label>
<input type="text" id="name" name="name" required>
</div>
<div>
<label for="age">Age:</label>
<input type="number" id="age" name="age" required min="1">
</div>
<div>
<label for="gender">Gender:</label>
<select id="gender" name="gender" required>
<option value="male">Male</option>
<option value="female">Female</option>
<option value="other">Other</option>
</select>
</div>
<div>
<label for="email">Email:</label>
<input type="email" id="email" name="email" required>
</div>
<div>
<label for="phone">Phone:</label>
<input type="tel" id="phone" name="phone" required>
</div>
<div>
<label for="Address">Address:</label>
<input type="textarea" id="Address" name="Adderss" required>
</div>
<div>
<input type="submit" value="Submit">
</div>
</form>
```

```
</div></center>
</body>
</html>
```

OUTPUT:



RESULT:

Thus the above program has been successfully executed & verified.

EX.NO:03 DATE:	Write HTML scripts to illustrate Frames

PROGRAM:

ex3.html

```
<html>
<head>
<title>Frame</title>
</head>
<frameset cols="25%%,*">
<frame src="home.html">
<frame name="sample">
</frameset>
</html>
```

home.html

```
<html>
<head>
<title>Sample</title>
</head>
<body >
<a href="list.html" target="sample">LIST</a><br><br>
<a href="table.html" target="sample">TABLE</a><br><br>
</body>
</html>
```

list.html

```
<html>
<body>
<center><h1>Student Marks</h1></center>
<ol>
<li>Boomika <ul>
<li>Web Tech <ol type="A">
<li>Internal</li>
<li>External</li>
<li>Total</li>
</ol></li>
<li>Data Mining <ol type="A">
<li>Internal</li>
<li>External</li>
```

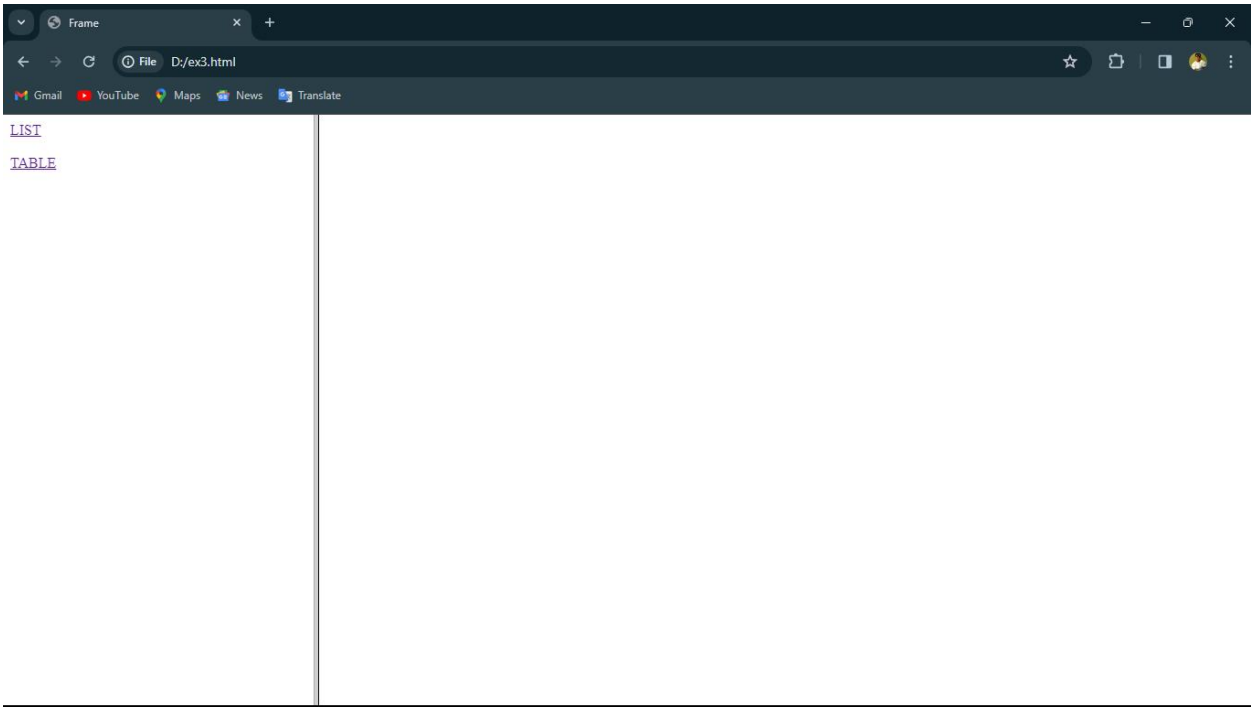
```
<li>Total</li>
</ol></li></ul></li>

<li>Aaranya <ul>
<li>Web Tech <ol type="A">
<li>Internal</li>
<li>External</li>
<li>Total</li>
</ol></li>
<li>Data Mining <ol type="A">
<li>Internal</li>
<li>External</li>
<li>Total</li>
</ol></li></ul></li>
</body>
</html>
```

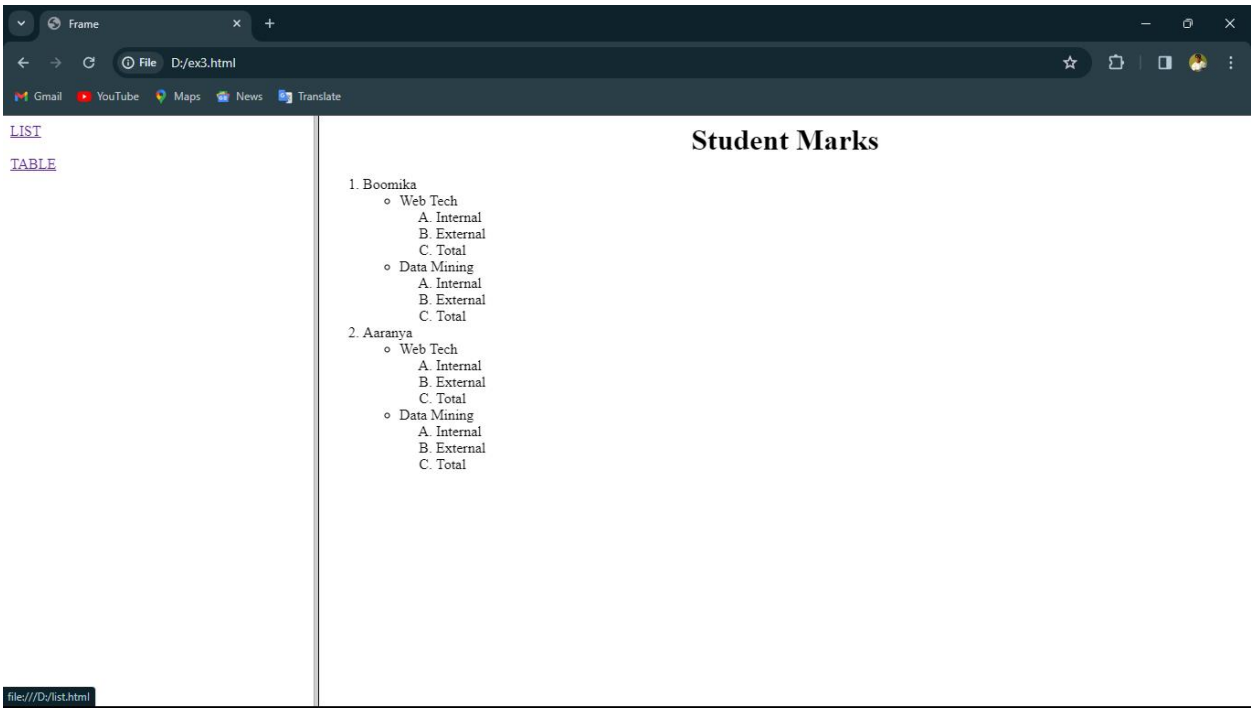
table.html

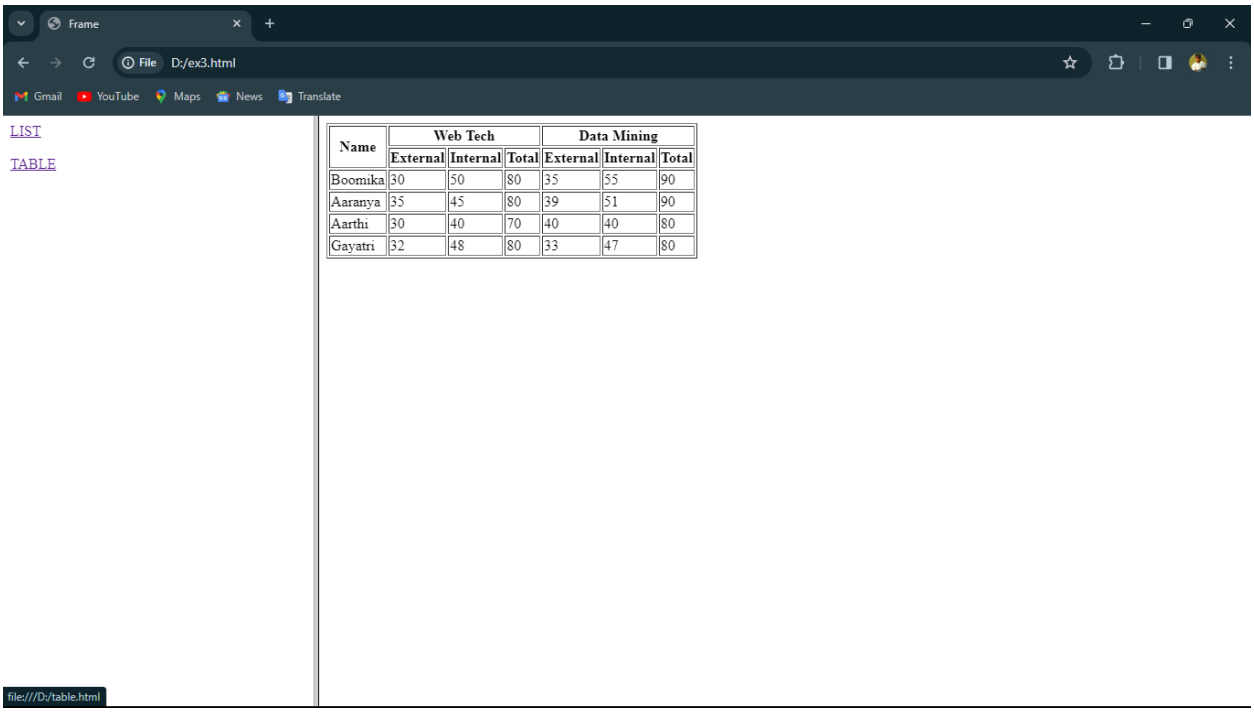
```
<html>
<body>
<table border="1">
<th rowspan="2">Name</th>
<th colspan="3">Web Tech</th>
<th colspan="3">Data Mining</th>
<tr><th>External</th>
<th>Internal</th>
<th>Total</th>
<th>External</th>
<th>Internal</th>
<th>Total</th>
</tr>
<tr>
<td>Boomika</td>
<td>30</td>
<td>50</td>
<td>80</td>
<td>35</td>
<td>55</td>
<td>90</td>
</tr>
<tr>
<td>Aaranya</td>
<td>35</td>
<td>45</td>
<td>80</td>
<td>39</td>
```

```
<td>51</td>
<td>90</td>
</tr>
<tr>
<td>Aarthi</td>
<td>30</td>
<td>40</td>
<td>70</td>
<td>40</td>
<td>40</td>
<td>80</td>
</tr>
<tr>
<td>Gayatri</td>
<td>32</td>
<td>48</td>
<td>80</td>
<td>33</td>
<td>47</td>
<td>80</td>
</tr>
</table>
</body>
</html>
```

OUTPUT:







Name	Web Tech			Data Mining		
	External	Internal	Total	External	Internal	Total
Boomika	30	50	80	35	55	90
Aaranya	35	45	80	39	51	90
Aarthi	30	40	70	40	40	80
Gayatri	32	48	80	33	47	80

RESULT:

Thus the above program has been successfully executed & verified.

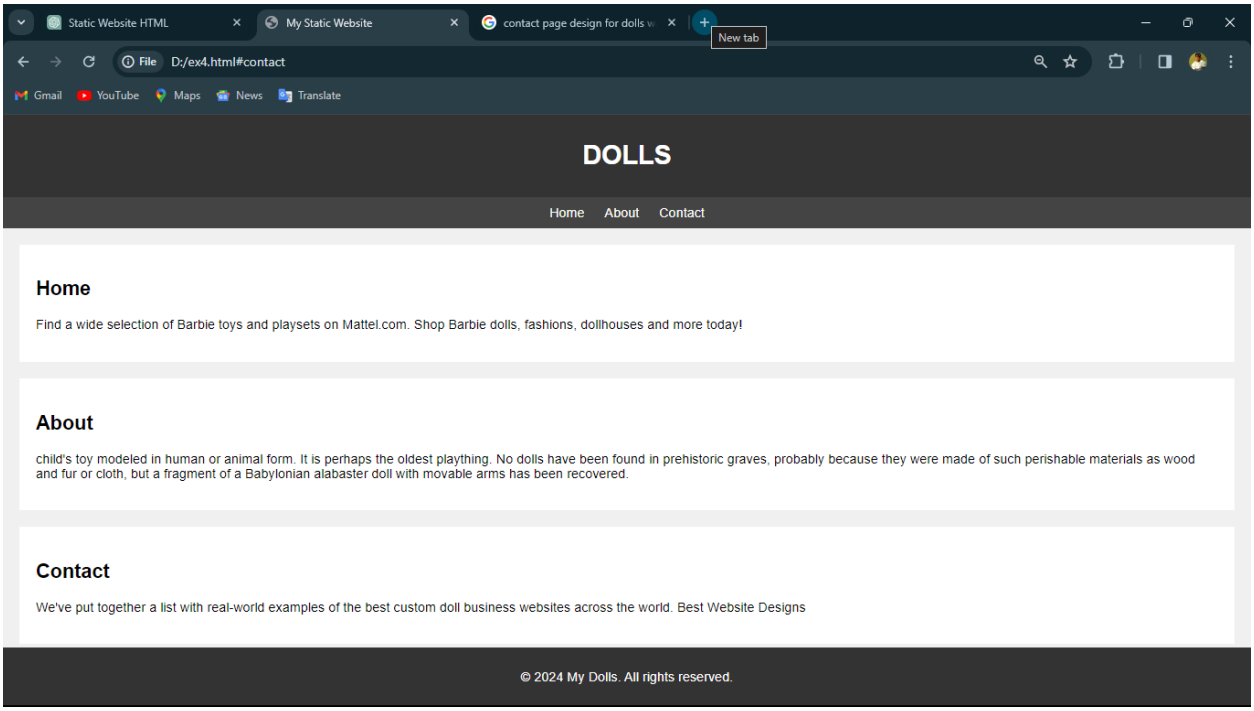
EX.NO:04 DATE:	Write HTML scripts to create a static website

PROGRAM:

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>My Static Website</title>
   <style>
      body {
         font-family: Arial, sans-serif;
         margin: 0;
         padding: 0;
         background-color: #f0f0f0;
      }
      header {
         background-color: #333;
         color: #fff;
         padding: 10px 0;
         text-align: center;
      }
      nav {
         background-color: #444;
         color: #fff;
         text-align: center;
         padding: 10px 0;
      }
      nav a {
         color: #fff;
         text-decoration: none;
         margin: 0 10px;
      }
      nav a:hover {
         text-decoration: underline;
      }
      section {
         padding: 20px;
         margin: 20px;
         background-color: #fff;
      }
      footer {
         background-color: #333;
```

```
            color: #fff;
            text-align: center;
            padding: 10px 0;
            position: absolute;
            bottom: 0;
            width: 100%;
        }
    </style>
</head>
<body>
<bd image>
    <header>
        <h1>DOLLS</h1>
    </header>
    <nav>
        <a href="#home">Home</a>
        <a href="#about">About</a>
        <a href="#contact">Contact</a>
    </nav>
    <section id="home">
        <h2>Home</h2>
        <p>Find a wide selection of Barbie toys and playsets on Mattel.com. Shop Barbie dolls,
fashions, dollhouses and more today!</p>
    </section>
    <section id="about">
        <h2>About</h2>
        <p>child's toy modeled in human or animal form.
            It is perhaps the oldest plaything. No dolls have been found in prehistoric graves,
            probably because they were made of such perishable materials as wood and fur or cloth,
            but a fragment of a Babylonian alabaster doll with movable arms has been recovered.</p>
    </section>
    <section id="contact">
        <h2>Contact</h2>
        <p>We've put together a list with real-world examples of the best custom doll business
websites across the world. Best Website Designs</p>
    </section>
    <footer>
        <p>&copy; 2024 My Dolls. All rights reserved.</p>
    </footer>
</body>
</html>
```

OUTPUT:



RESULT:

Thus the above program has been successfully executed & verified.

EX.NO:05 DATE:	Write CSS scripts for implementing the inline, in internal and external CSS for Backgrounds concepts

PROGRAM:

ex5.html

```
<html>
<head>
<title> Multiple css</title>
<style>
.internal {
background-color: orange;
}
</style>
<link rel="stylesheet" href="Fr.css">
</head>
<body>
<h1>welcome to the website</h1>
<p class="internal">Changing the background with the help of internal css.</p>
<p class="inline" style="background-color: pink;">Changing the background with the help of
inline css.</p>
<p class="external">Changing the background with the help of external css.</p>
</body>
</html>
```

Fr.css

```
.external {
background-color: green;
}
```

OUTPUT:

RESULT:

Thus the above program has been successfully executed & verified.

EX.NO:06 DATE:	Write CSS scripts for implementing Class, id, box models, and Display layouts

PROGRAM:

ex6.html

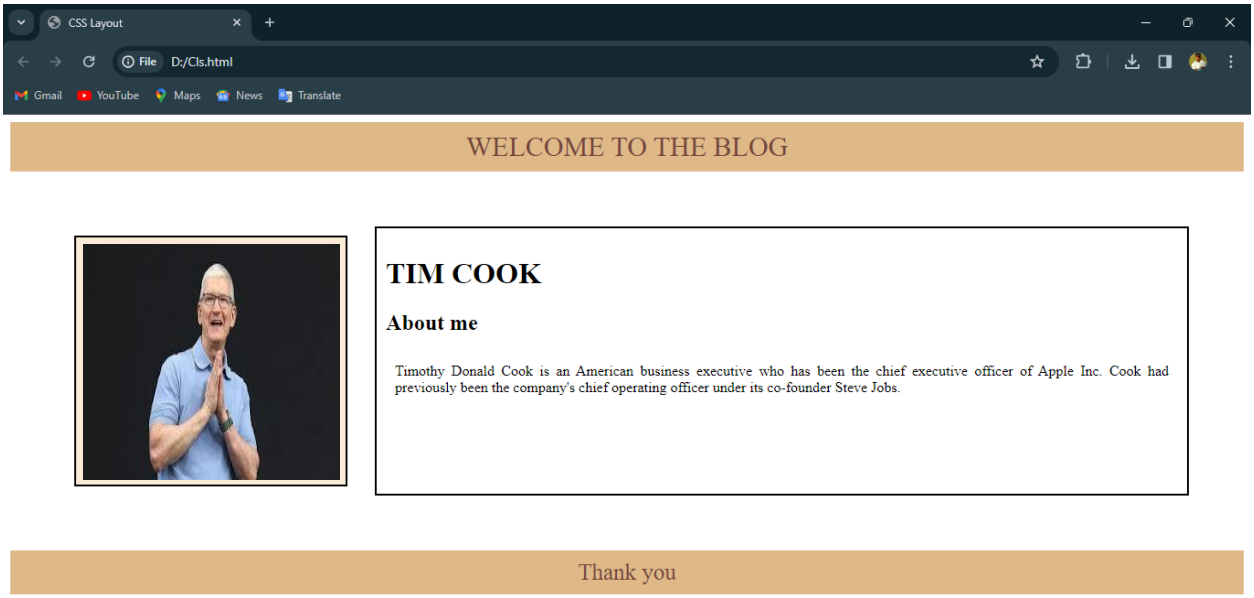
```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>CSS Layout</title>
<link rel="stylesheet" href="Cls.css">
</head>
<body>
<div id="header">WELCOME TO THE BLOG</div>


<div id="main-content">
<div class="sidebar box"><img src=""D:\tim.jpg""></div>
<div class="content box"><h1>TIM COOK</h1><h2>About me </h2>
<p>Timothy Donald Cook is an American business executive who has been the chief executive
officer of Apple Inc. Cook had previously been the company's chief operating officer under its
co-founder Steve Jobs.
</p></div>
</div>
<div class="footer" id="footer">Thank you</div>
</body>
</html>
```

Cls.css

```
.box {
width: 200px; height: 270px; padding: 30px; margin: 20px;
border: 2px solid black;
}
#header {
background-color:burlywood; color:#76453B;
text-align: center; padding: 10px; font-size: 30px;
}
#main-content { padding: 50px; display: flex;
justify-content: space-around;
}
```

```
.sidebar { flex: 1;
padding: 3px; width:auto; height: auto;
background-color: antiquewhite;
}
.content { flex: 3;
padding: 10px; margin: 10px;
}
.footer {

text-align: center; padding: 10px;
background-color:burlywood; color: #76453B;
clear: both; font-size: 25px;
}
p {
padding: 10px; text-align: justify;
}
```

OUTPUT:



RESULT:

Thus the above program has been successfully executed & verified.

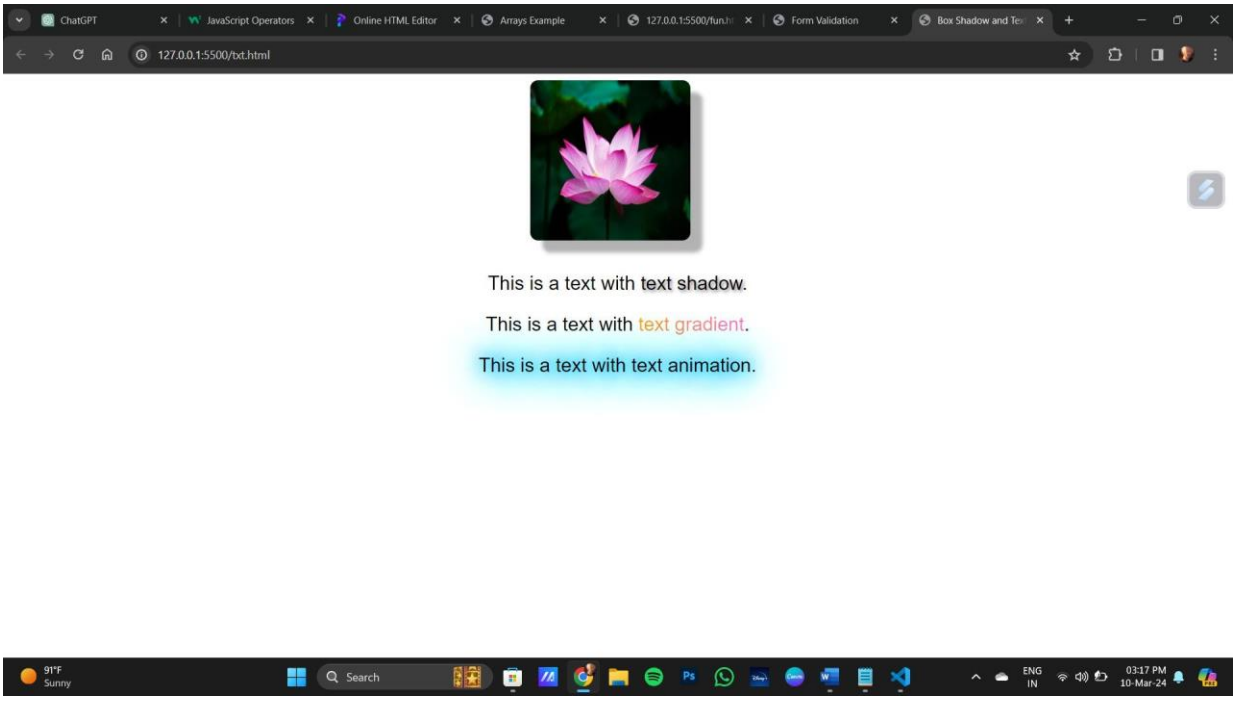
EX.NO:07 DATE:	Write CSS scripts for implementing box shadow, text effects concepts

PROGRAM:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Box Shadow and Text Effects</title>
<style>
.box {
margin-left: 650px; width: 200px; height: 200px;
background-color: #f0f0f0; border-radius: 10px;
box-shadow: 15px 15px 5px rgba(0, 0, 0, 0.3); margin-bottom: 20px;
}
#img {
height:200px; width:200px;
background-color: #f0f0f0; border-radius: 10px;
}
.text-effect { font-size: 24px;
font-family: Arial, sans-serif; text-align: center;
margin-top: 40px; margin-right: 1px ;
}
.text-shadow {
text-shadow: 2px 2px 4px rgba(0, 0, 0, 0.5);
}
.text-gradient {
background: linear-gradient(to right, #ff9900, #ff66cc);
-webkit-background-clip: text; background-clip: text;
color: transparent;
}
.text-animation {
animation: glow 1.5s ease-in-out infinite alternate;
}
@keyframes glow { from {
text-shadow: 0 0 10px #00ccff, 0 0 20px #00ccff, 0 0 30px #00ccff, 0 0 40px #00ccff, 0 0 50px
#00ccff, 0
0 60px #00ccff, 0 0 70px #00ccff;
}
to {
text-shadow: 0 0 20px #00ccff, 0 0 30px #00ccff, 0 0 40px #00ccff, 0 0 50px #00ccff, 0 0 60px
#00ccff, 0
0 70px #00ccff, 0 0 80px #00ccff;
```

```
}
}
</style>
</head>
<body>
<div class="box">
<img id="img" src="./lotus.jpg" alt="Lotus">
</div>

<div class="text-effect">
<p>This is a text with <span class="text-shadow">text shadow</span>.</p>

<p>This is a text with <span class="text-gradient">text gradient</span>.</p>
<p class="text-animation">This is a text with text animation.</p>
</div>
</body>
</html>
```

OUTPUT:



RESULT:

Thus the above program has been successfully executed & verified.

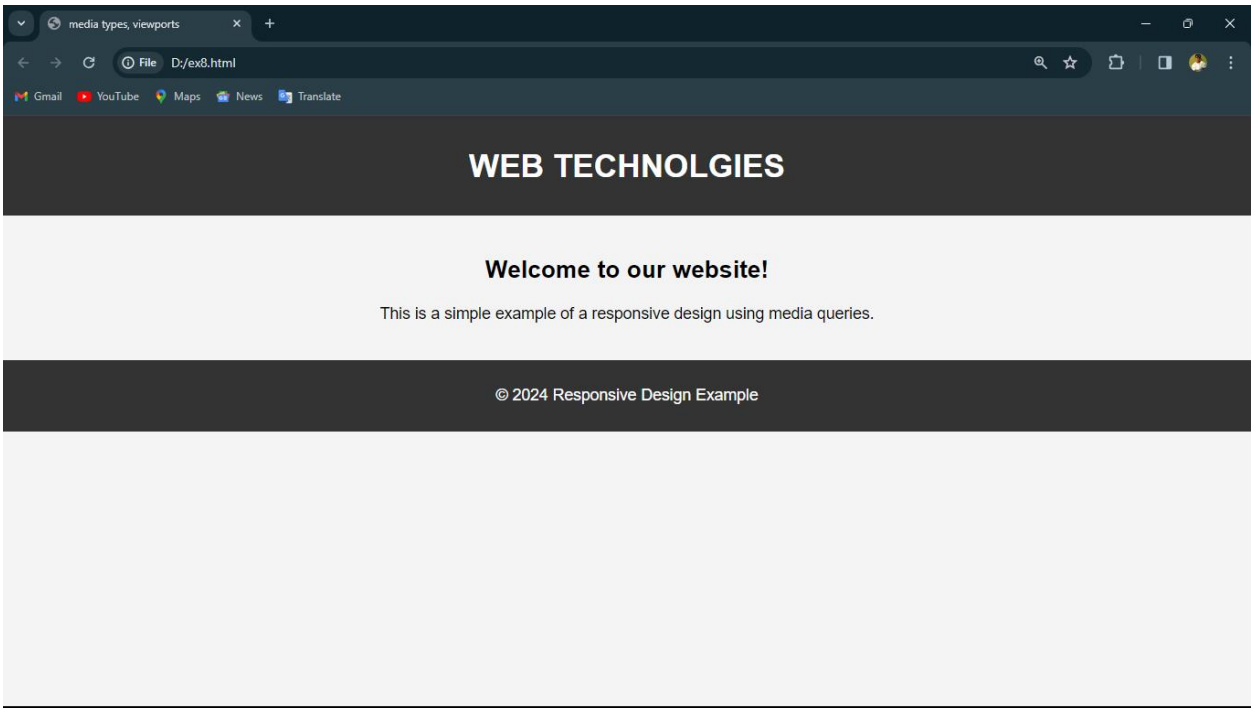
EX.NO:08 DATE:	Write CSS scripts for implementing Responsive Designs using media queries (media types, viewports)

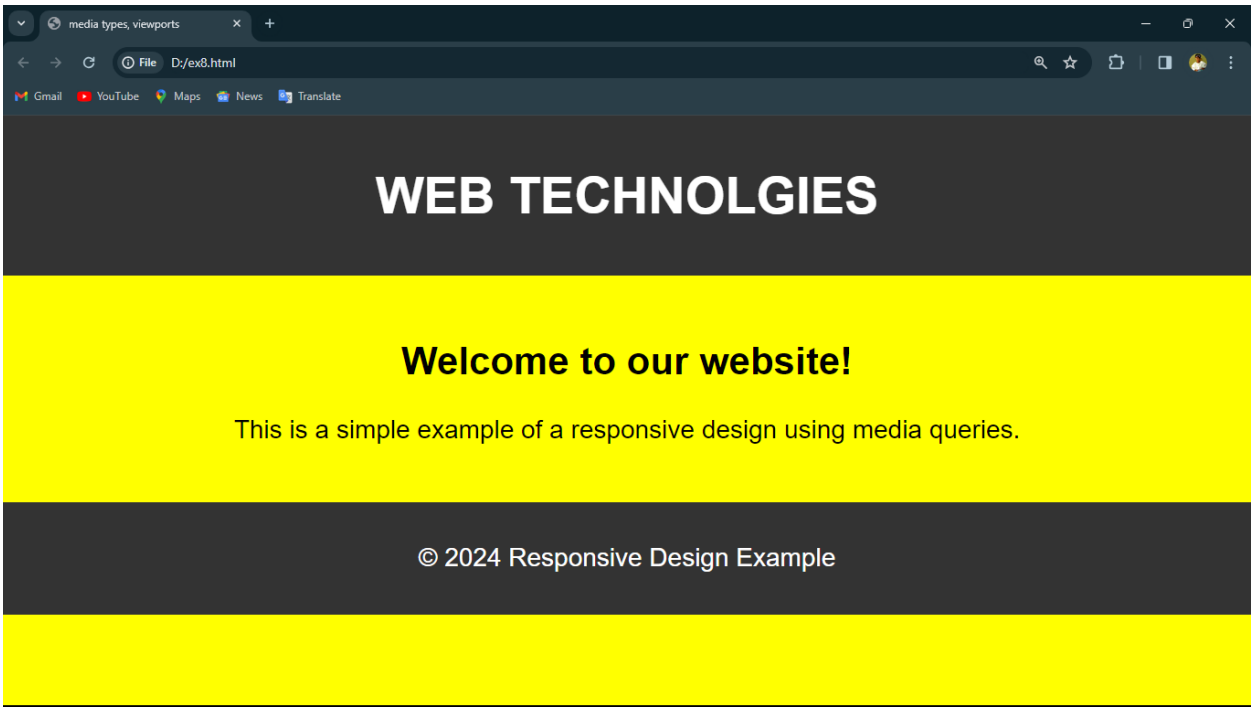
PROGRAM:

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>media types, viewports</title>
   <style>
      body {
         font-family: Arial, sans-serif;
         margin: 0;
         padding: 0;
         background-color: #f4f4f4;
      }

      header {
         background-color: #333;
         color: #fff;
         padding: 10px;
         text-align: center;
      }

      section {
         padding: 20px;
         text-align: center;
      }

      footer {
         background-color: #333;
         color: #fff;
         padding: 10px;
         text-align: center;
      }

      /* Media Queries */
      @media screen and (max-width: 600px) {
         body {
            background-color: gray;
            font-size: 14px;
```

```
        }
        header, section, footer {
            padding: 10px;
        }
    }

    @media screen and (min-width: 601px) and (max-width: 900px) {
        body {
            background-color: yellow;
            font-size: 16px;
        }
    }
  </style>
</head>
<body>
  <header>
    <h1>WEB TECHNOLGIES</h1>
  </header>

  <section>
    <h2>Welcome to our website!</h2>
    <p>This is a simple example of a responsive design using media queries.</p>
  </section>

  <footer>
    <p>&copy; 2024 Responsive Design Example</p>
  </footer>
</body>
</html>
```

OUTPUT:





RESULT:

Thus the above program has been successfully executed & verified.

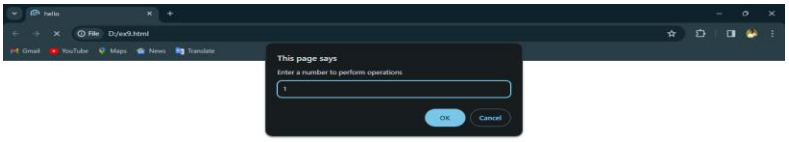
EX.NO:09 DATE:	Write JavaScript for illustrating Operators, Flow Controls, and Looping.

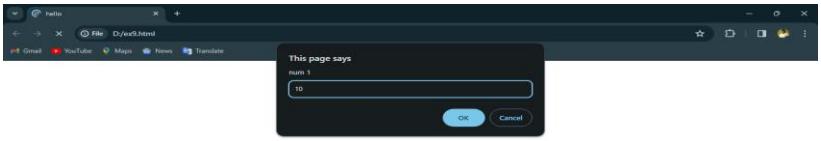
PROGRAM:

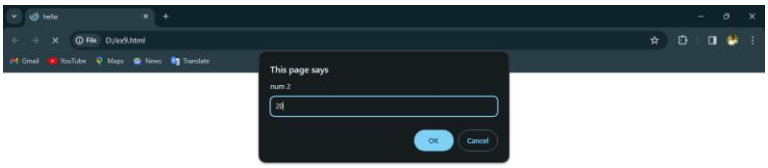
```
<html>
</head>
<title>hello</title>
</head><center>
<h2>OPERATIONS</h2>
<h3>1.Arithmetic operator</h3>
<h3>2.Assignment operator</h3>
<h3>3.Logical operator</h3>
<script>
var a = prompt("Enter a number to perform operations");
document.write("Selected Operator = "+a);
var f = prompt("num 1");
var b = parseInt(f);
document.write("<br>number 1 ="+b);
var g = prompt("num 2");
var c = parseInt(g);
document.write("<br>number 2 ="+c);
if(a==1){
document.write("<br><b>Arithmetic Operations</b>");
document.write("<br>sum ="+(b+c));
document.write("<br>sub ="+(b-c));
document.write("<br>mul ="+(b*c));
document.write("<br>div ="+(b/c));
document.write("<br>exp ="+(b**c));
document.write("<br>inc ="+(b+1));
document.write("<br>dec ="+(b-1));
}else if(a==2){
document.write("<br>Assignment Operations");
document.write("<br>= "+(b=c));
document.write("<br>+= "+(b+=c));
document.write("<br>-= "+(b-=c));
document.write("<br>*= "+(b*=c));
document.write("<br>/= "+(b/=c));
document.write("<br>%= "+(b%=c));
}else{
document.write("<br>Logical Operations");
document.write("<br>AND "+(b<10 && c>1));
document.write("<br>OR "+(b==5 || c==5));
document.write("<br>NOT "+!(b==c));
```

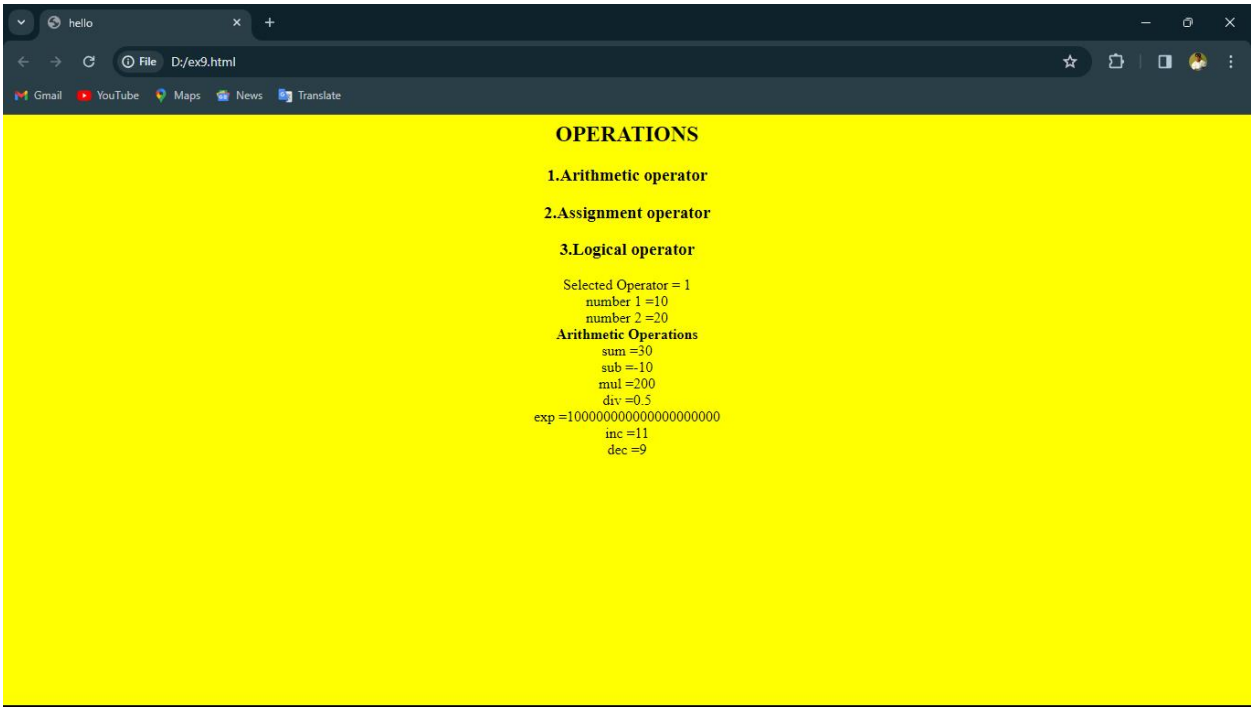
```
}
</script>
</center>
</body>
</html>
```

OUTPUT:









RESULT:

Thus the above program has been successfully executed & verified.

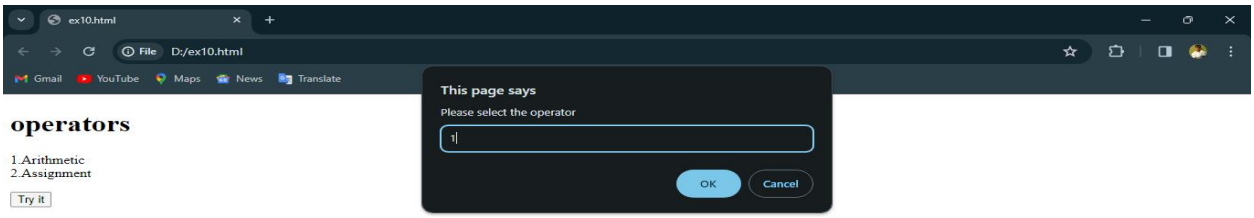
EX.NO:10 DATE:	Write JavaScript to implement Functions.

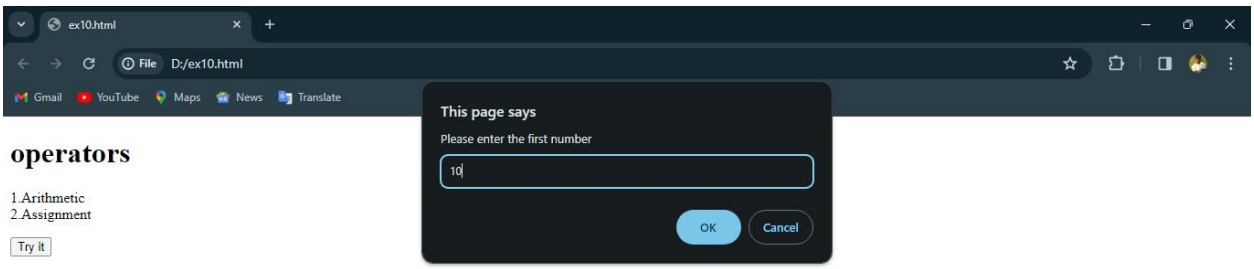
PROGRAM:

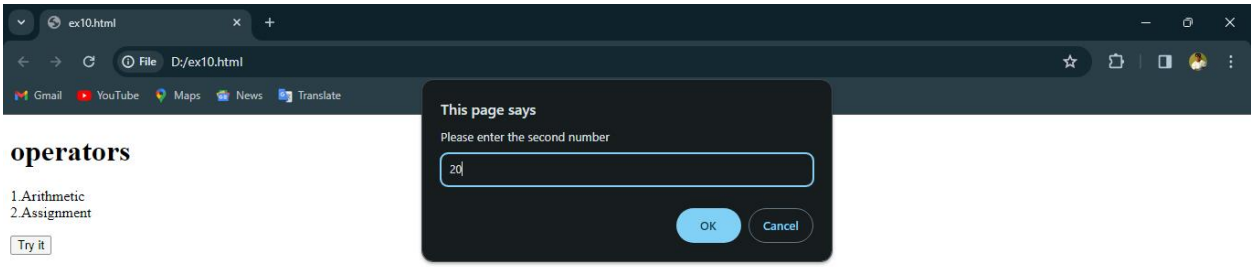
```
<!DOCTYPE html>
<html>
<body>
<h1>operators</h1>
<p>1.Arithmetic <br>2.Assignment <br></p>
<button onclick="myFunction()">Try it</button>
<p id="d1"></p>
<p id="d2"></p>
<p id="d3"></p>
<p id="d4"></p>
<p id="d5"></p>
<p id="d6"></p>
<p id="d7"></p>
<script>
function myFunction() {
let num = prompt("Please select the operator");
if (num==1) {
let num1 = prompt("Please enter the first number");
let num2 = prompt("Please enter the second number");
var a =parseInt(num1);
var b =parseInt(num2);
document.getElementById("d1").innerHTML = "subtraction of two numbers " + (a-b) ;
document.getElementById("d2").innerHTML = "addition of two numbers " + (a+b) ;
document.getElementById("d3").innerHTML = "multiplication of two numbers " + (a*b) ;
document.getElementById("d4").innerHTML = "Division of two numbers " + (a/b) ;
document.getElementById("d5").innerHTML = "modulus of two numbers " + (a%b) ;
document.getElementById("d6").innerHTML =
"increment of two numbers " + (++a) ;
document.getElementById("d7").innerHTML = "decrement of two numbers " + (--a) ;
}
else if(num==2){
let num1 = prompt("Please enter the first number");
var a =parseInt(num1);
document.getElementById("d1").innerHTML = "Addition assignment +7" +" = " +(a+=8) ;
document.getElementById("d2").innerHTML = "subrtraction assignment -3" +" = " + (a-=2) ;
document.getElementById("d3").innerHTML = "Multiplication assignment 3" + " = " +(a=2) ;
document.getElementById("d4").innerHTML = "Division assignment /3" + " = " +(a/=2) ;
}
else{
```

```
document.getElementById("d1").innerHTML = "No operator by the num "+num+" is assigned" ;
}}
</script>
</body>
</html>
```

OUTPUT:







RESULT:

Thus the above program has been successfully executed & verified.

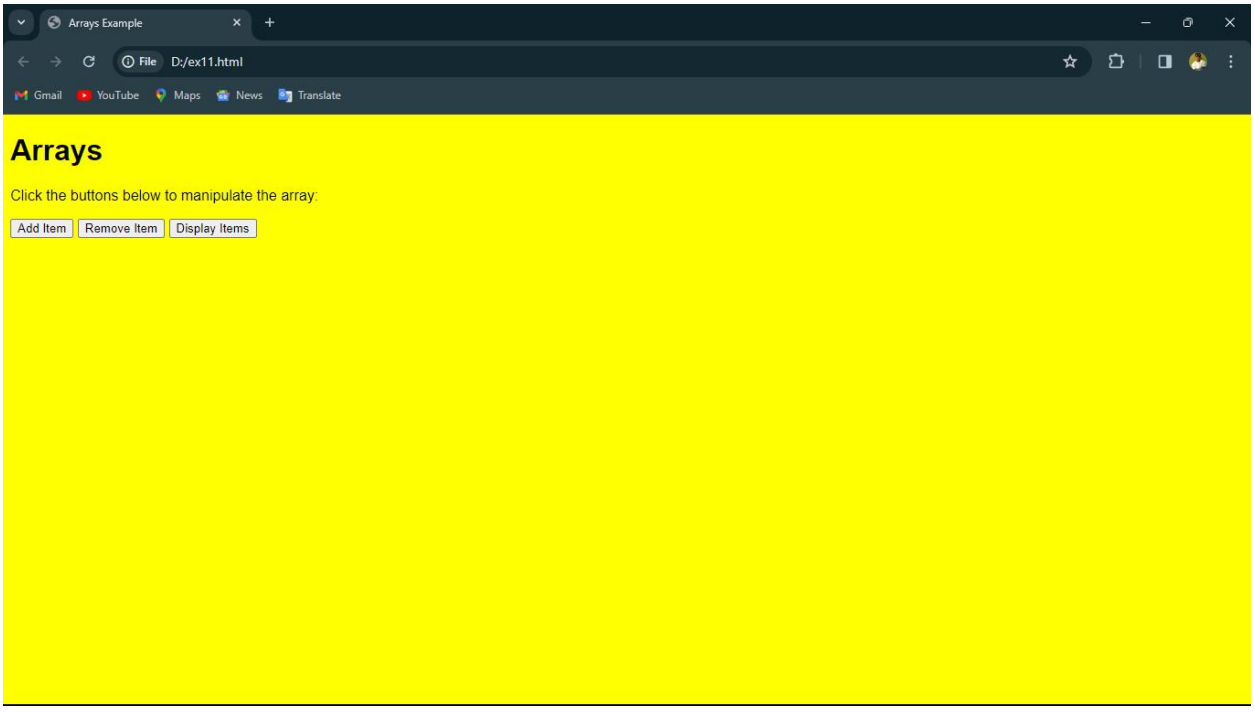
EX.NO:11 DATE:	Write JavaScript to implement Arrays.

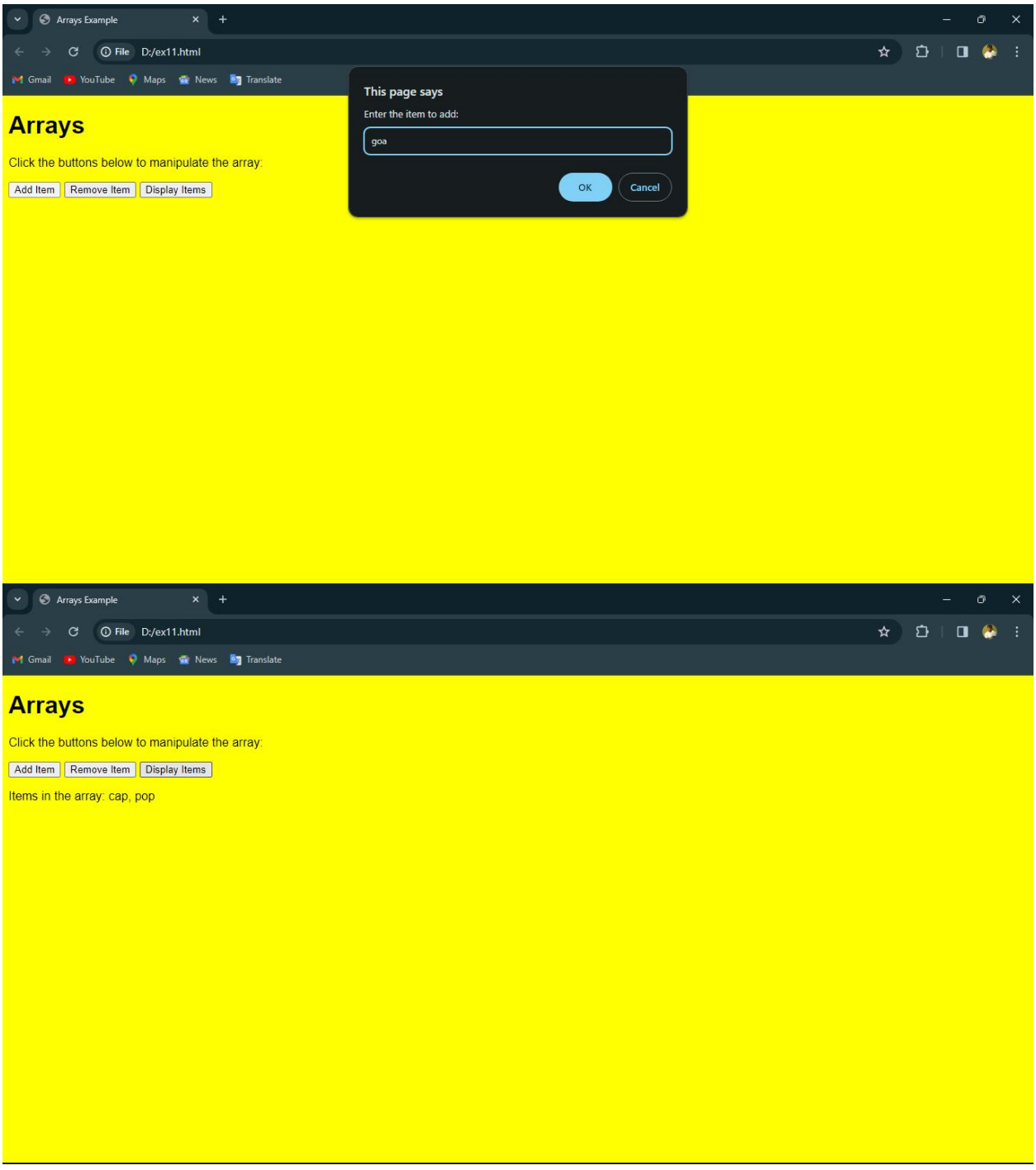
PROGRAM:

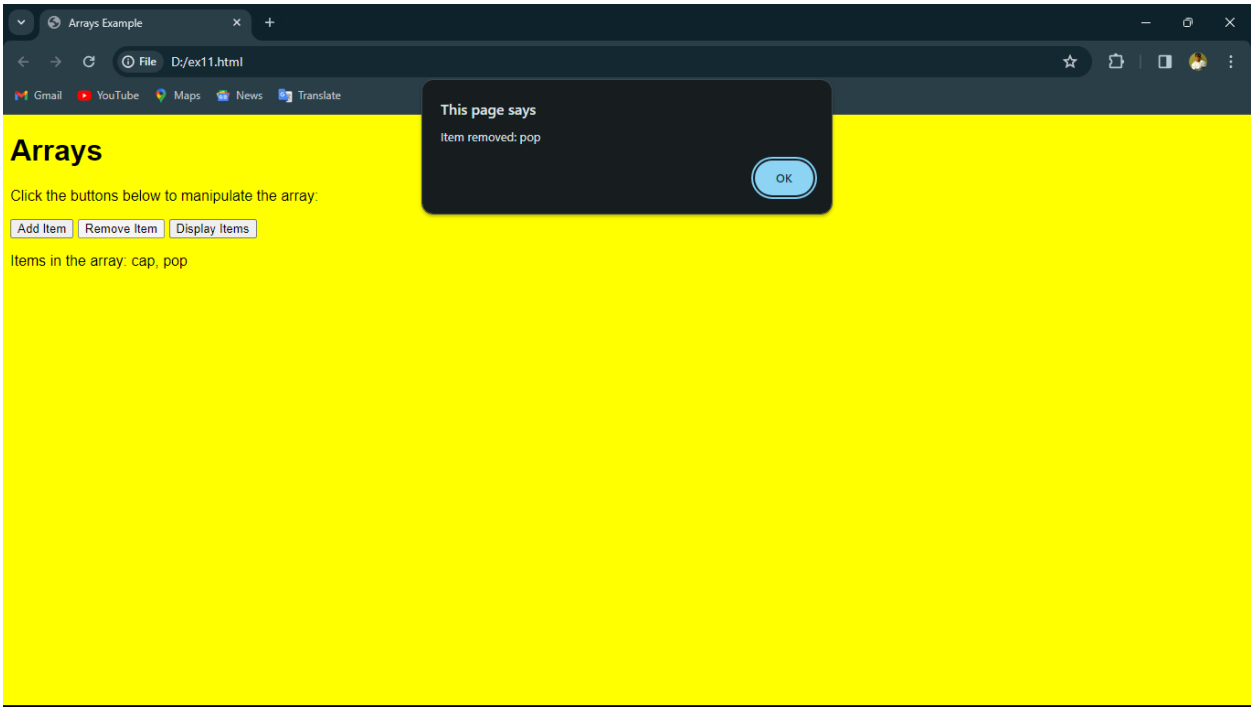
```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Arrays Example</title>
<style>
body{
font-family: Arial, sans-serif;
}
</style>
</head>
<body bgcolor="yellow">
<h1>Arrays</h1>
<p>Click the buttons below to manipulate the array:</p>
<button onclick="addItem()">Add Item</button>
<button onclick="removeItem()">Remove Item</button>
<button onclick="displayItems()">Display Items</button>
<p id="output"></p>
<script>
var myArray = [];
function addItem() {
var newItem = prompt("Enter the item to add:");
if (newItem !== null && newItem !== "")
{
myArray.push(newItem);
alert("Item added successfully!");
}
else {
alert("Please enter a valid item.");
}
}

function removeItem() {
if (myArray.length === 0)
{
alert("Array is already empty!");
}
else {
```

```
var removedItem = myArray.pop();
alert("Item removed: " + removedItem);
}
}
function displayItems() {
var output = document.getElementById("output");
if (myArray.length === 0) {
output.textContent = "Array is empty.";
}
else {
output.textContent = "Items in the array: " + myArray.join(", ");
}
}
</script>
</body>
</html>
```

OUTPUT:




Arrays Example
File D:/ex11.html
Gmail YouTube Maps News Translate
This page says
Enter the item to add:
goa
OK
Cancel
Arrays
Click the buttons below to manipulate the array:
Add Item
Remove Item
Display Items
Arrays Example
File D:/ex11.html
Gmail YouTube Maps News Translate
Arrays
Click the buttons below to manipulate the array:
Add Item
Remove Item
Display Items
Items in the array: cap, pop



RESULT:

Thus the above program has been successfully executed & verified.

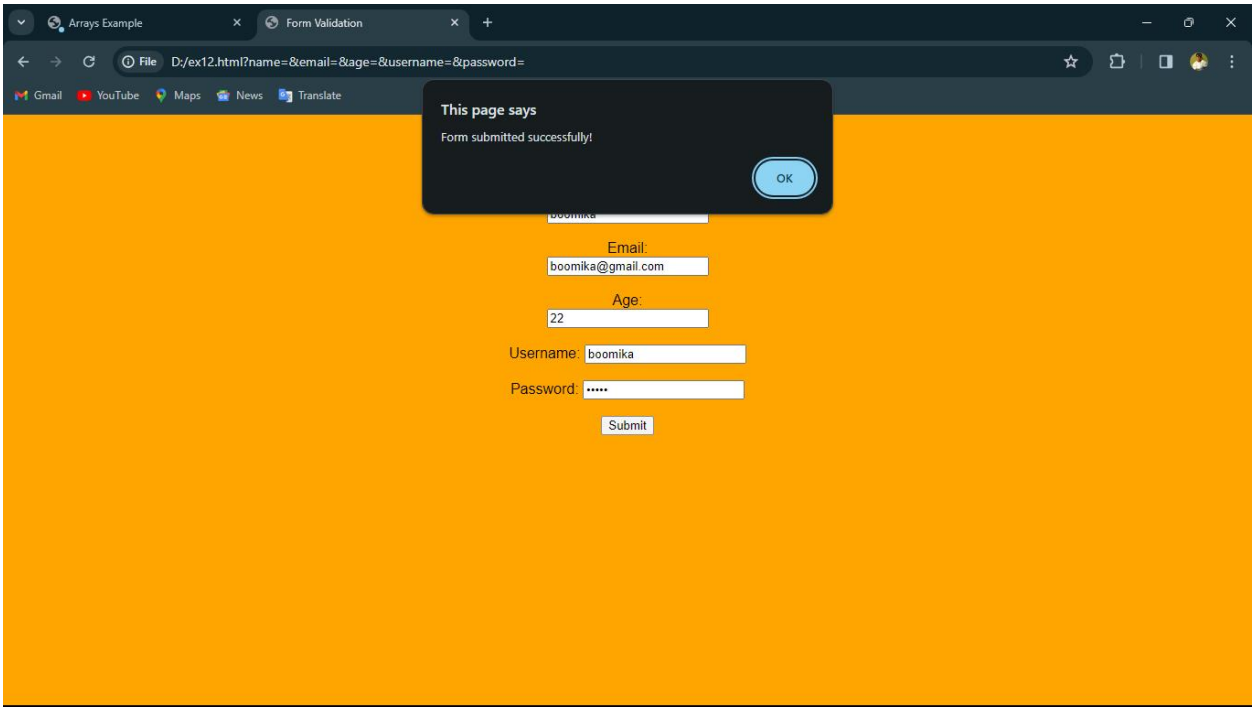
EX.NO:12 DATE:	Write JavaScript to implement Event handling and Form Validation, Error handling.

PROGRAM:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Form Validation</title>
<style> body {
font-family: Arial, sans-serif;
}
.error { color: red; }
</style> </head>
<body bgcolor="orange">
<center>
<h1>Form Validation Example</h1>
<form id="myForm" onsubmit="validateForm(event)">
<label for="name">Name:</label><br>
<input type="text" id="name" name="name"><br>
<span id="nameError" class="error"></span><br>
<label for="email">Email:</label><br>
<input type="email" id="email" name="email"><br>
<span id="emailError" class="error"></span><br>
<label for="age">Age:</label><br>
<input type="number" id="age" name="age"><br>
<span id="ageError" class="error"></span><br>
<label for="username">Username:</label>
<input type="text" id="username" name="username">
<span id="usernameError" class="error"></span><br><br>
<label for="password">Password:</label>
<input type="password" id="password" name="password">
<span id="passwordError" class="error"></span><br><br>
<input type="submit" value="Submit">
</form>
</center>

<script>
function validateForm(event) {
event.preventDefault();
var name = document.getElementById('name').value;
var email = document.getElementById('email').value;
var age = document.getElementById('age').value;
var username = document.getElementById('username').value.trim(); var password =
```

```
document.getElementById('password').value.trim();
document.getElementById('usernameError').textContent = '';
document.getElementById('passwordError').textContent = '';
document.getElementById('nameError').textContent = '';
document.getElementById('emailError').textContent = '';
document.getElementById('ageError').textContent = '';
if (name === '') {
document.getElementById('nameError').textContent = 'Name is required';
return false;
}
if (email === '') {
document.getElementById('emailError').textContent = 'Email is required';
return false;
}
else if (!isValidEmail(email)) {
document.getElementById('emailError').textContent = 'Invalid email format';
return false;
}
if (age === '')
{
document.getElementById('ageError').textContent = 'Age is required';
return false;
} else if (isNaN(age) || age <= 0) { document.getElementById('ageError').textContent = 'Invalid
age';
return false;
}
try {
if (username === '') {
throw new Error('Username is required.');
}
if (password === '') {
throw new Error('Password is required.');
}
} catch (error) {
if (error.name === 'Error') {
document.getElementById('usernameError').textContent = error.message;
}
}
alert('Form submitted successfully!');
}
function isValidEmail(email) {
var emailRegex = /^\S+@\S+\.\S+$/; return emailRegex.test(email);
}
</script>
</body>
</htm>
```

OUTPUT:



RESULT:

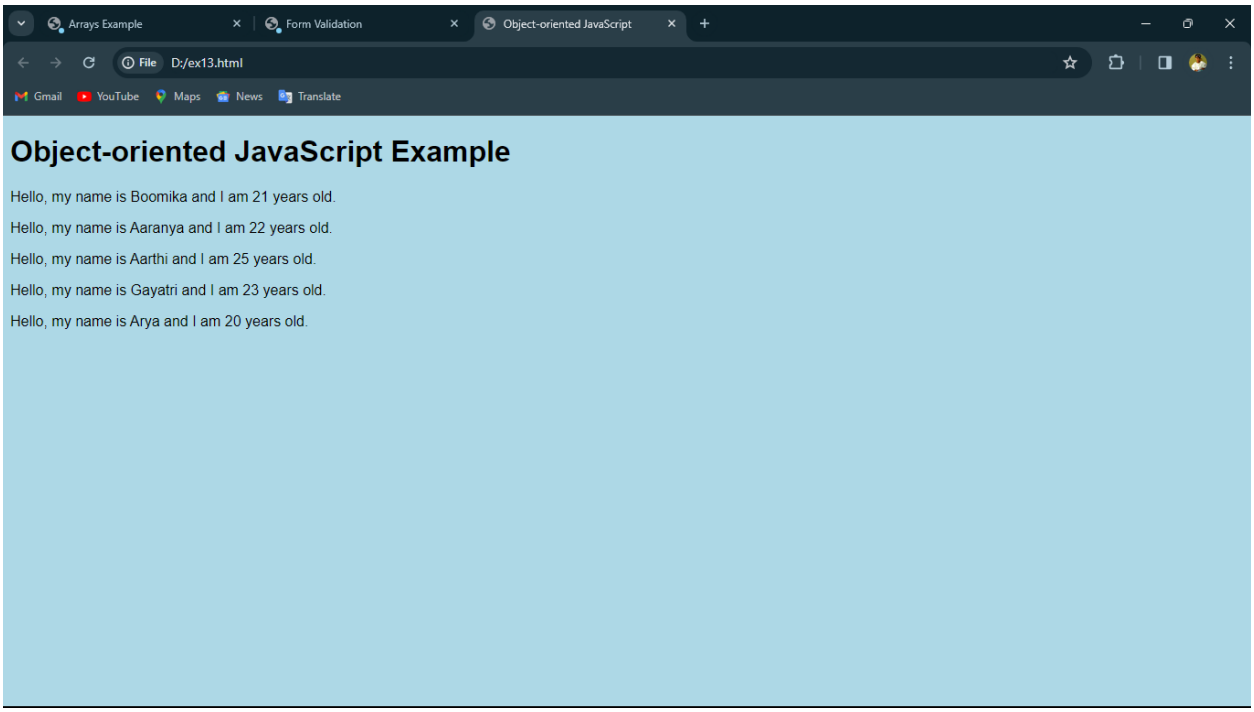
Thus the above program has been successfully executed & verified.

EX.NO:13 DATE:	Write script / programs to implement object-oriented JavaScript concept.

PROGRAM:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Object-oriented JavaScript</title>
<style> body {
font-family: Arial, sans-serif;
}
</style>
</head>
<body bgcolor="lightblue">
<h1>Object-oriented JavaScript Example</h1>
<div id="output"></div>
<script>
function Person(name, age) {
this.name = name;
this.age = age; }
Person.prototype.sayHello = function() {
return "Hello, my name is " + this.name + " and I am " + this.age + " years old.";
};
var person1 = new Person("Boomika", 21);
var person2 = new Person("Aaranya", 22);
var person3 = new Person("Aarthi", 25);
var person4 = new Person("Gayatri", 23);
var person5 = new Person("Arya", 20);
var outputElement = document.getElementById("output");

outputElement.innerHTML += "<p>" + person1.sayHello() + "</p>";
outputElement.innerHTML += "<p>" + person2.sayHello() + "</p>";
outputElement.innerHTML += "<p>" + person3.sayHello() + "</p>";
outputElement.innerHTML += "<p>" + person4.sayHello() + "</p>";
outputElement.innerHTML += "<p>" + person5.sayHello() + "</p>";
</script>
</body>
</html>
```

OUTPUT:



RESULT:

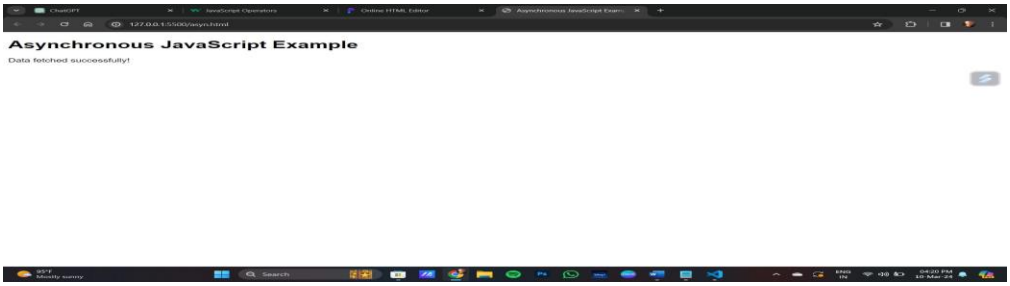
Thus the above program has been successfully executed & verified.

EX.NO:14 DATE:	Write script / programs to implement object-oriented JavaScript concept.

PROGRAM:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Asynchronous JavaScript Example</title>
<style>
body {
font-family: Arial, sans-serif;
}
</style>
</head>
<body>
<h1>Asynchronous JavaScript Example</h1>
<div id="output"></div>
<script>
function fetchData(callback) {
setTimeout(function() {
callback("Data fetched successfully!");
}, 2000);
}
fetchData(function(data) {
var outputElement = document.getElementById("output");
outputElement.innerHTML = "<p>" + data + "</p>";
});
console.log("Fetching data...");
</script>
</body>
</html>
```

OUTPUT:



EX.NO:15 DATE:	Create a simple website using HTML, CSS and JavaScript.

PROGRAM:

Static.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>parallax</title>
<link rel="stylesheet" href="fr.css">
</head>
<body>
<header>
<h2 class="logo">Logo</h2>
<nav class="navigation">
<a href="#" class="Home">Home</a>
<a href="#" class="About">About</a>
<a href="#" class="Service">Service</a>
<a href="#" class="Contact">Contact</a>
</nav>
</header>
<section class="parallel">
<img src="hill1.png" id="hill1" alt="hill1">
<img src="hill2.png" id="hill2" alt="hill2">
<img src="hill3.png" id="hill3" alt="hill3">
<img src="hill4.png" id="hill4" alt="hill4">
<img src="hill5.png" id="hill5" alt="hill5">
<img src="tree.png" id="tree" alt="hill5">
<h2 id="text"> parallel website</h2>
<img src="leaf.png" id="leaf" alt="hill5">
<img src="plant.png" id="plant" alt="hill5">
<br>
</section>

<br><br><br><br><br>
<section class="sec">
<h2>parallel website</h2>
<p>
Lorem, ipsum dolor sit amet consectetur adipisicing elit. Veritatis minima saepe molestias
perferendis unde, eoscorrupti at veniam est iste? Cum voluptatem adipisci ut alias
```

est fuga quidem vero illum numquam! Placeat officia harum, officiis incidunt quo modi odio cumab earum tempore doloremque ipsum nisi dolorum consequatur atque nobis quidem error nam aliquidaccusantium consequuntur possimus. Tempora earum sapiente enim culpa autem at, qui cum, quasi, officia soluta officiisvoluptatum deleniti sunt sint voluptate eum inventore consequatur modi. Voluptates saepe quibusdamest fuga quidem vero illum numquam! Placeat officia harum, officiis incidunt quo modi odio cumab earum tempore doloremque ipsum nisi dolorum consequatur atque nobis quidem error nam aliquidaccusantium consequuntur possimus. Tempora earum sapiente enim culpa autem at, qui cum, quasi, officia soluta officiis voluptatum deleniti sunt sint voluptate eum inventore consequatur modi. Voluptates saepe quibusdamnostrum aperiam? Magni doloremque sit voluptatum nisi nesciunt explicabo ut, eum dicta officiisaut provident accusantium commodi amet tempora modi beatae deserunt temporibus placeat quis blanditiisnatus voluptas possimus necessitatibus earum? Incidunt vel magnam numquam facere in libero inventore veritatis.Nostrum similique aut rem eaque dolore sequi animi.

Lorem, ipsum dolor sit amet consectetur adipisicing elit. Veritatis minima saepe molestias perferendis unde, eoscorrupti at veniam est iste? Cum voluptatem adipisci ut aliasest fuga quidem vero illum numquam! Placeat officia harum, officiis incidunt quo modi odio cumab earum tempore doloremque ipsum nisi dolorum consequatur atque nobis quidemerror nam aliquidaccusantium consequuntur possimus. Tempora earum sapiente enim culpa autem at, qui cum, quasi, officia soluta officiis

</p>
</section>
<script src="fr.js"></script>
</body>
</html>

Static.css

```
@import
url('https://fonts.googleapis.com/css2?family=Poppins:ital,wght@0,200;1,500&family=Titillium
+Web:wght@3 00;900&display=swap');

* {
margin: 0;
padding: 0;
box-sizing: border-box;
font-family: 'Poppins', sans-serif;
font-family: 'Titillium Web', sans-serif;}

body {
background: #f9f9f9;
min-height: 100vh;
}
header {
position: absolute;
top: 0;
```

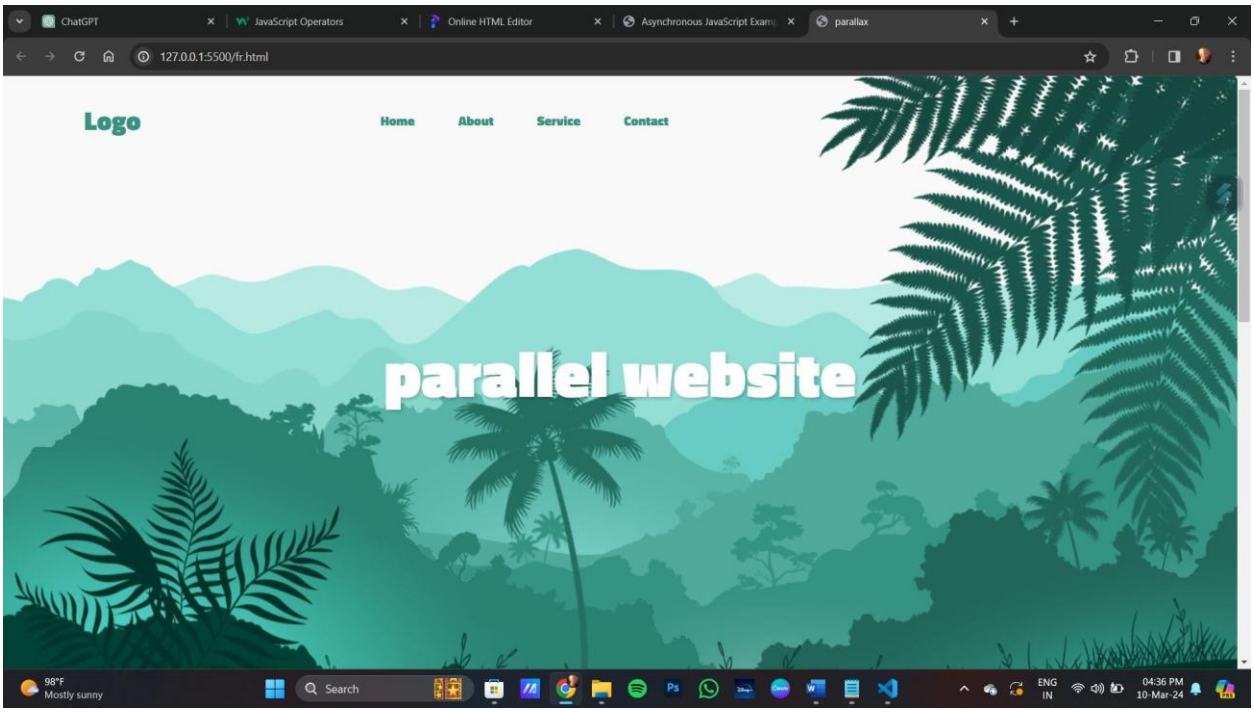
```
left: 0;
width: 100%;
padding: 30px 100px;
display: flex;
justify-content: flex-start;
align-items: center;
z-index: 100;
}
.logo {
font-size: 2em;
color: #359381;
pointer-events: none;
margin-right: 270px;
}
.navigation a {
text-decoration: none;
color: #359381;
padding: 6px 15px;
border-radius: 20px;
margin: 0 10px;
font-weight: 900;
}
.navigation a:hover {
background: #359381;
color: #f9f9f9;
}
.parallel {
position: relative;
display: flex;
justify-content: center;
align-items: center;
height: 100vh;
}
#text {
position: absolute;
font-size: 5em;
color: #fff;
text-shadow: 2px 2px 4px rgba(0, 0, 0, .2);
}
.parallel img {
position: absolute;
top: 0;
left: 0;
width: 100%;
pointer-events: none;
}
```

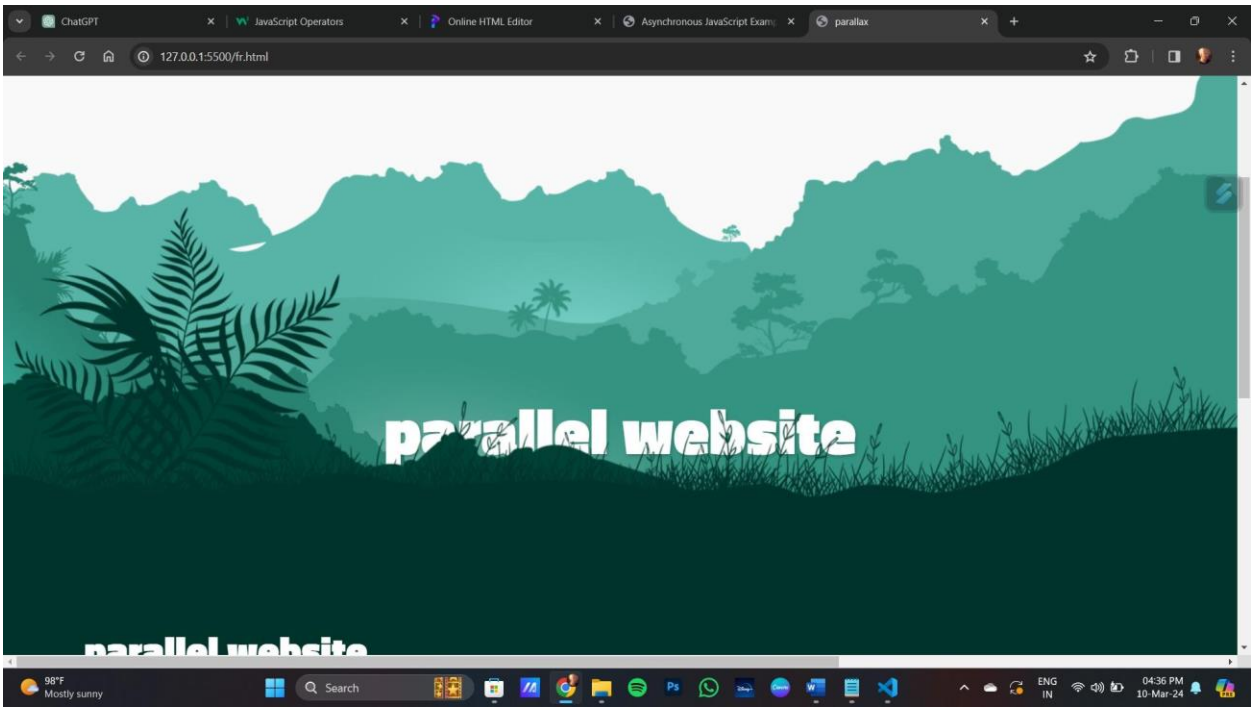
```
.sec {
position: relative;
background: #003329;
padding: 100px;
}
.sec h2 {
font-size: 3em;
color: #fff;
margin-bottom: 10%;
}
.sec p {
font-size: 1em;
color: #fff;
font-weight: 300;
}
```

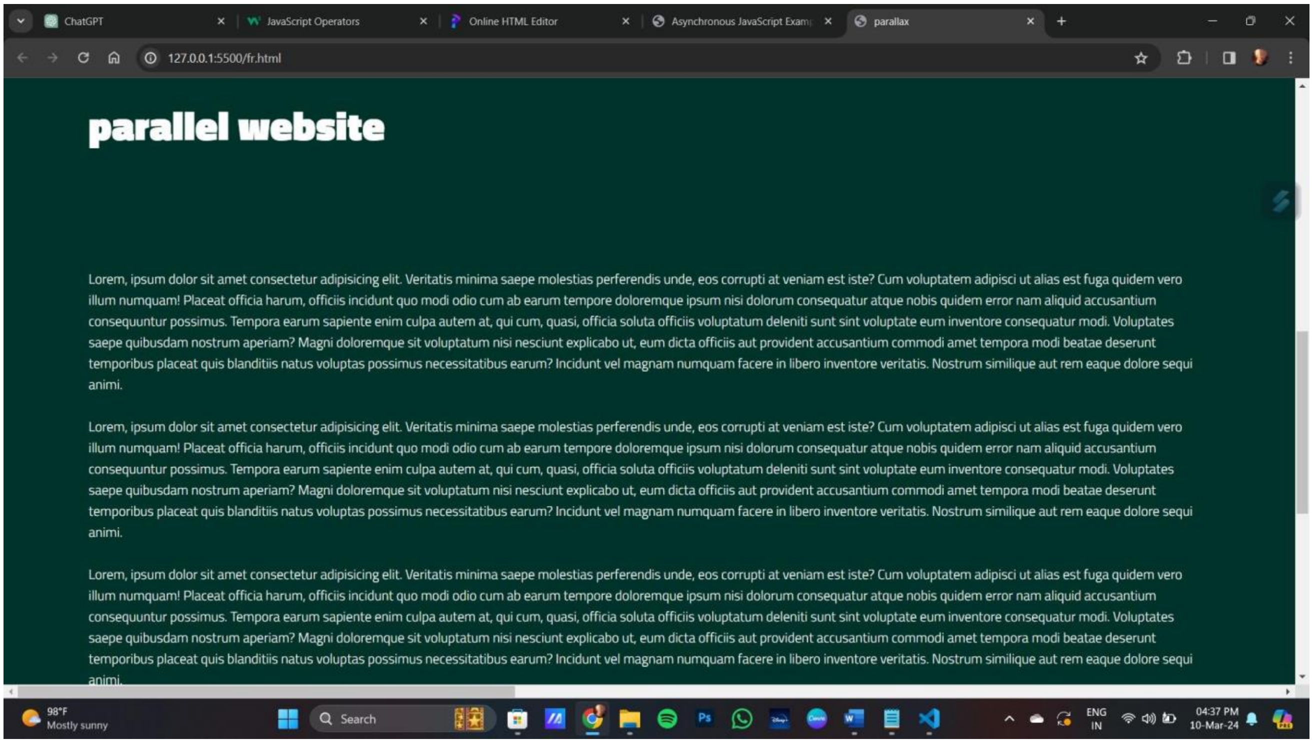
Static.js

```
let text=document.getElementById('text');
let leaf=document.getElementById('leaf');
let hill1=document.getElementById('hill1');
let hill4=document.getElementById('hill4');
let hill5=document.getElementById('hill5');
let tree=document.getElementById('tree');
window.addEventListener('scroll',()=>{
let value = window.scrollY;
text.style.marginTop = value * 2.5 + 'px';
leaf.style.top = value * -1.5 + 'px';
leaf.style.left = value * 2.5 + 'px';
hill5.style.left = value * 2.5 + 'px';
hill4.style.left = value * -1.5 + 'px';
tree.style.top = value * 1.5 + 'px';
hill1.style.top = value * 1 + 'px';
})
```

OUTPUT:


ChatGPT
JavaScript Operators
Online HTML Editor
Asynchronous JavaScript Exam
parallax
127.0.0.1:5500/fr.html
Logo
Home
About
Service
Contact
parallel website
98°F
Mostly sunny
Search
ENG
IN
04:36 PM
10-Mar-24


ChatGPT
JavaScript Operators
Online HTML Editor
Asynchronous JavaScript Exam
parallax
127.0.0.1:5500/fr.html
parallel website
98°F
Mostly sunny
Search
ENG
IN
04:36 PM
10-Mar-24



RESULT:

Thus the above program has been successfully executed & verified.