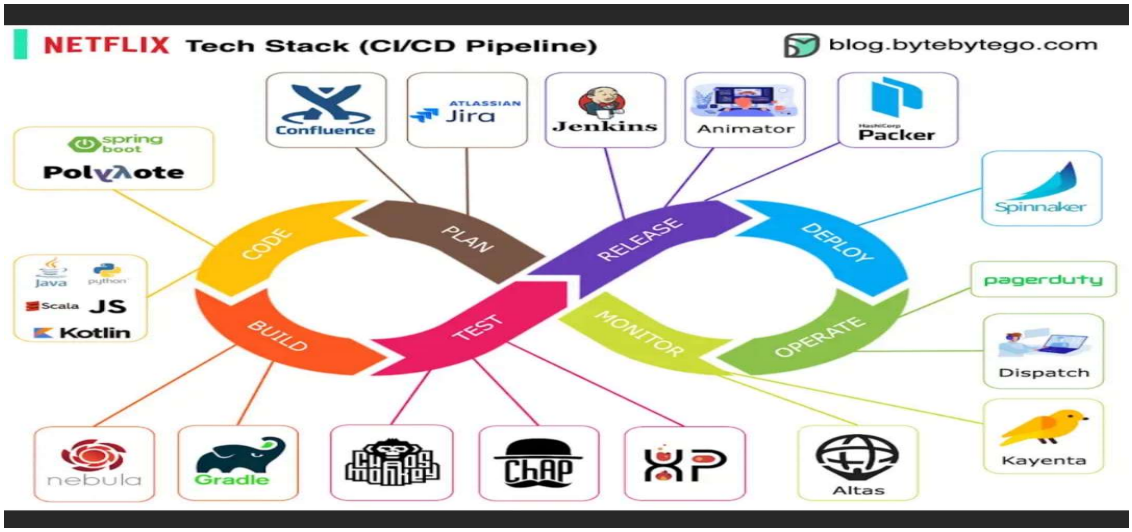
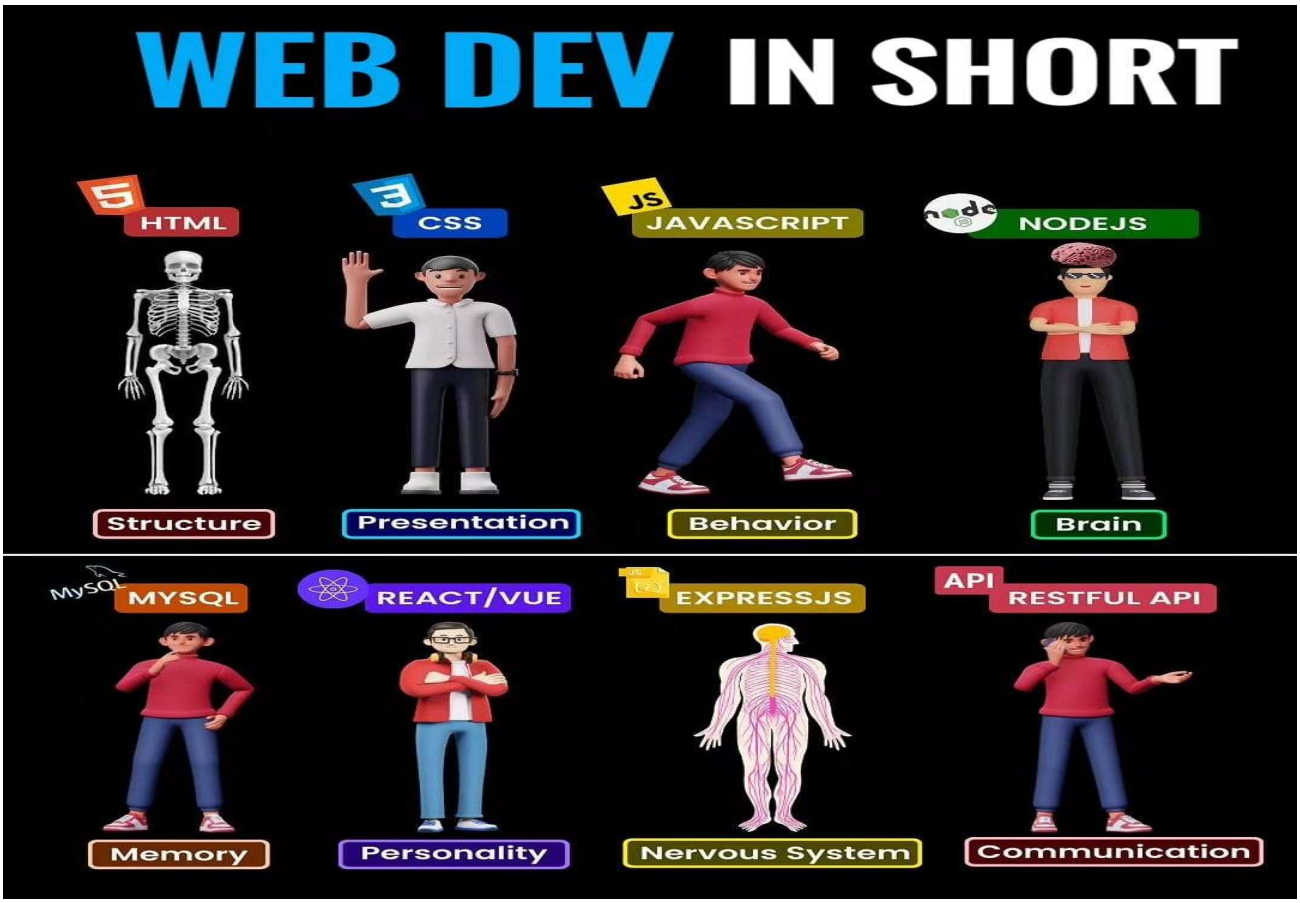
MEAN STACK TECHNOLOGIES LAB





FACULTY NAME:E.V.SANDEEP SIR **SIGNATURE:**

Experiment No: 1

1A) Course Name: HTML5 – The language

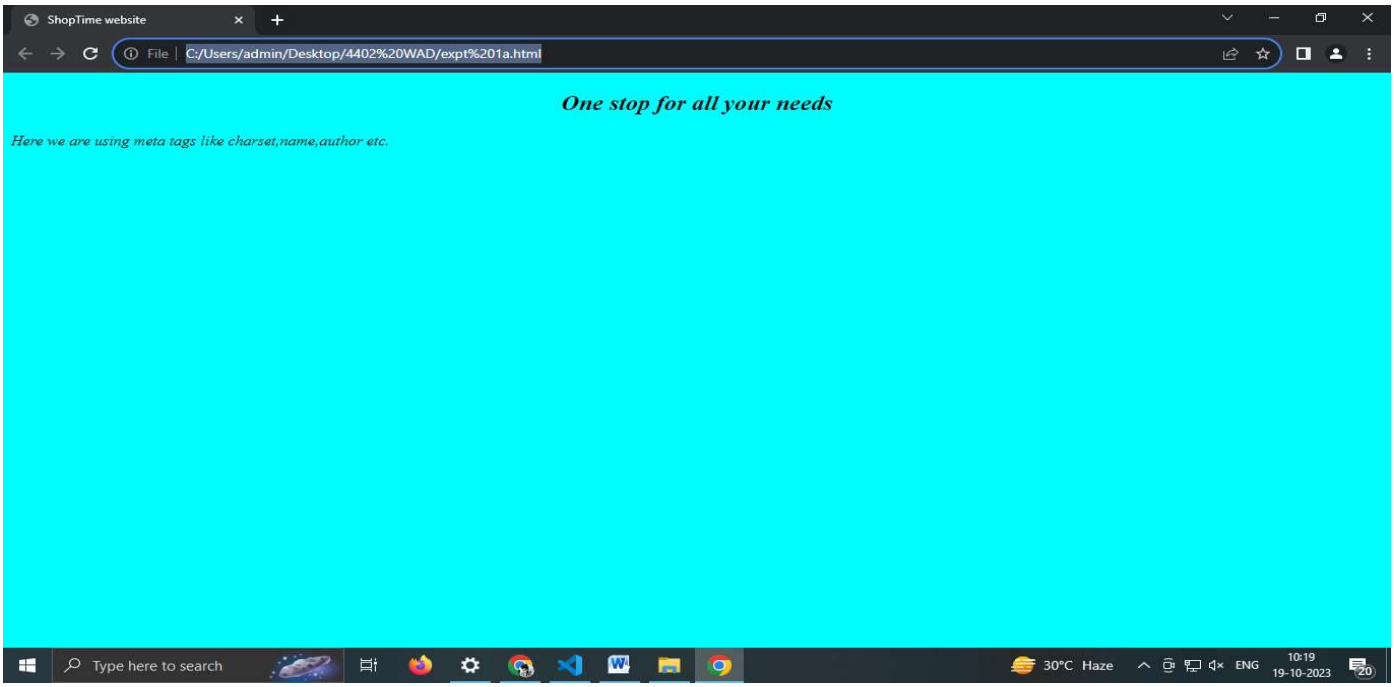
Module Name: Case-insensitivity, Platform Independency, DOCTYPE Declaration, Types of Elements, HTML Elements -Attributes, Metadata Element.

Include the Metadata element in Homepage.html for providing description as "IEKart's is an online shopping website that sells goods in retail." This company deals with various categories like Electronics, Clothing, and Accessories etc.

Program:

```
<!DOCTYPE html>
<html>
  <head>
    <title>ShopTime website</title>
    <meta charset="UTF-8">
    <meta name="description"  content="ShopTime is an online shopping website that sells goods in
    retail. This company deals with various categories like Electronics, Clothing, Accessories etc">
    <meta name="keywords"  content="clothing,footwear,shopping">
    <meta name="author"  content="Myself">
    <meta name="viewport"  content="width=device-width, initial-scale=1.0">
  </head>
    <body bgcolor="cyan">
    <h1 align="center"><i><ShopTime><i></h1>
    <h2 align="center"><i>One stop for all your needs<i></h2>
    <p>Here we are using meta tags like charset,name,author etc.</p>
  </body>
</html>
```

OUTPUT:



1B) Course Name: HTML5 – The language

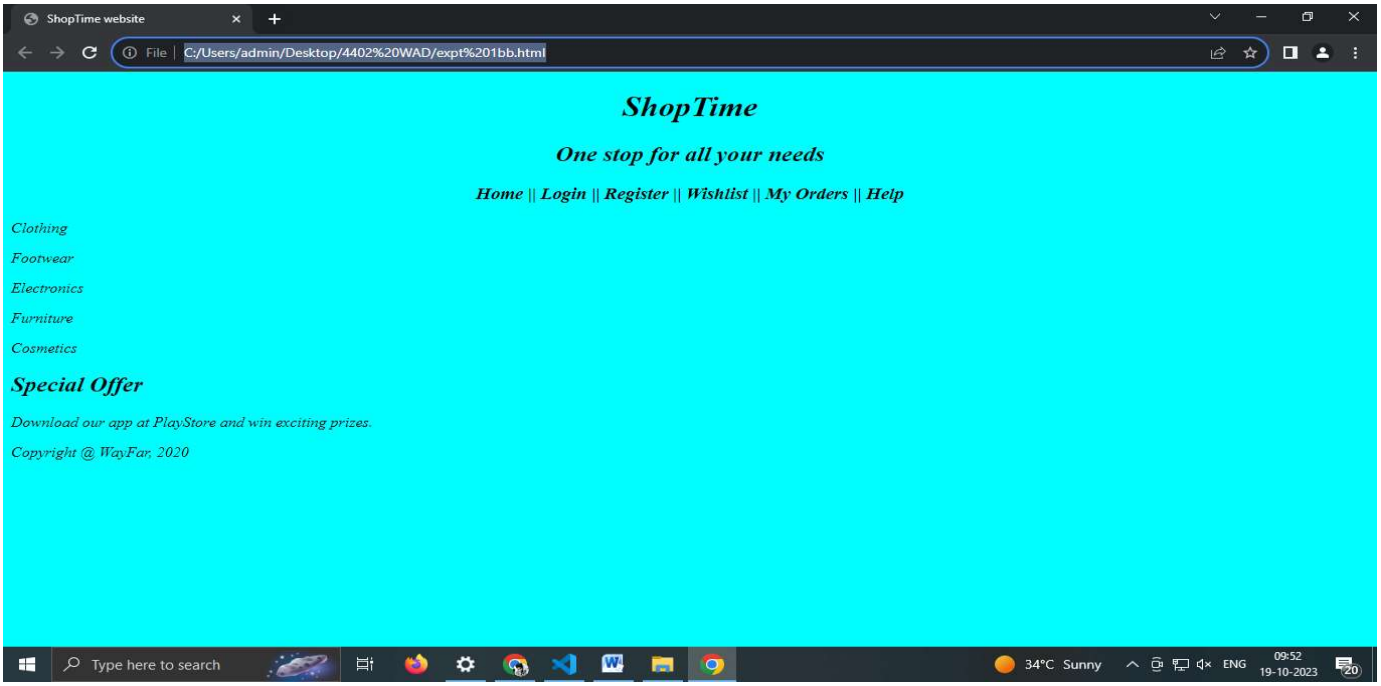
Module Name: Sectioning Elements

Enhance the Homepage.html of IEKart's Shopping Application by adding appropriate sectioning element.

Program:

```
<!DOCTYPE HTML>
<html>
   <head><title>ShopTime website</title></head>
   <body bgcolor="cyan">
   <h1 align="center"><i>ShopTime<i></h1>
   <h2 align="center"><i>One stop for all your needs<i></h2>
   <nav align="center"><h3>Home || Login || Register || Wishlist || My Orders ||
Help</h3></nav>
   <main>
      <section><p>Clothing</p></section>
      <section><p>Footwear</p></section>
      <section><p>Electronics</p></section>
      <section><p>Furniture</p></section>
      <section><p>Cosmetics</p></section>
   </main>
   <article><h1>Special Offer</h1>
   <aside><p>Download our app at PlayStore and win exciting prizes. </p></aside>
   </article>
   </body>
   <footer>Copyright @ WayFar, 2020</footer>
</html>
```

Output:



1C) Course Name: HTML5 – The Language

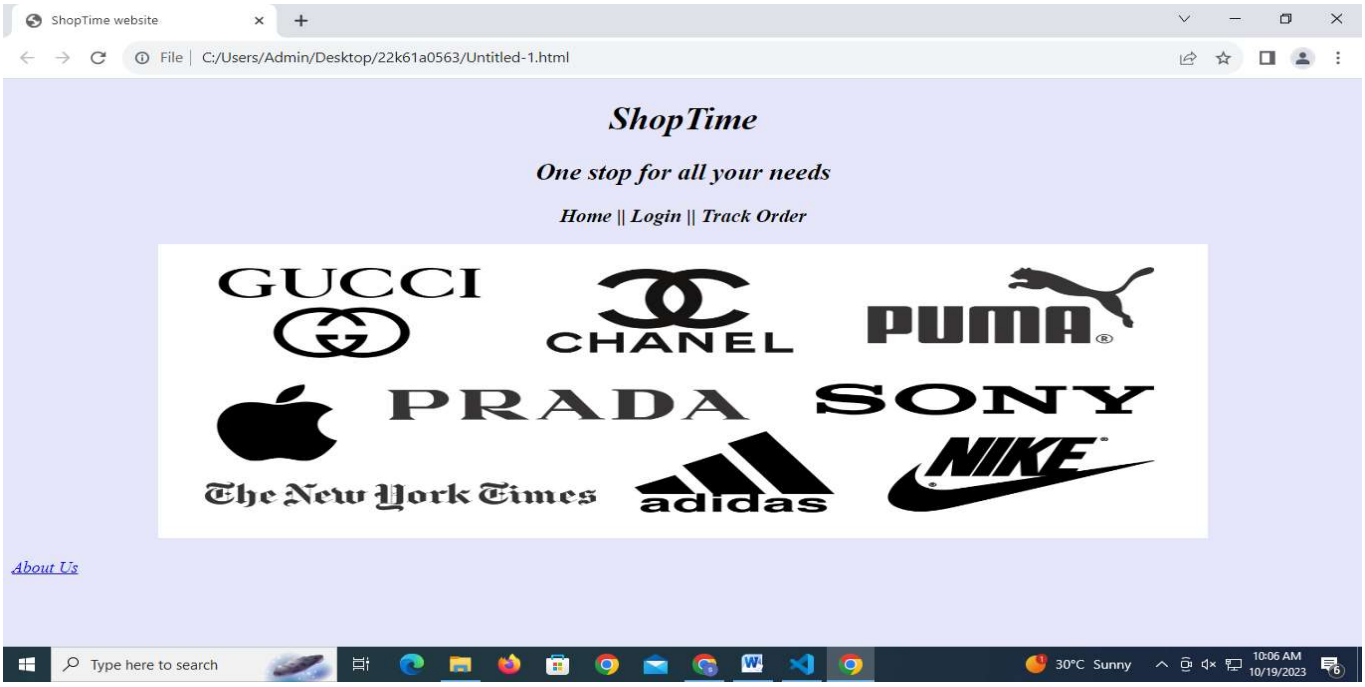
Module Name: Paragraph Element, Division and Span Elements, List Elements

Make use of appropriate grouping elements such as list items to “About Us” page of IEKart’s Shopping Application.

Program:

```
<!DOCTYPE HTML>
<html>
   <head><title>ShopTime website</title></head>
   <body bgcolor="lavender">
   <h1 align="center"><i>ShopTime<i></h1>
   <h2 align="center"><i>One stop for all your needs<i></h2>
   <nav align="center"><h3>Home || Login || Track Order </h3></nav>
   <center>
      <p><img  src="https://www.logomaker.com/uploads/2018/01/FLS-Blog-Black-Logos_Hero.jpg"  alt="Top shopping brands" width="950" height="300"</p>
   </center>
</body>
<footer><a href="aboutus.html">About Us</a></footer>
</html>
```

Output:



1D) Course Name: HTML5- The Language

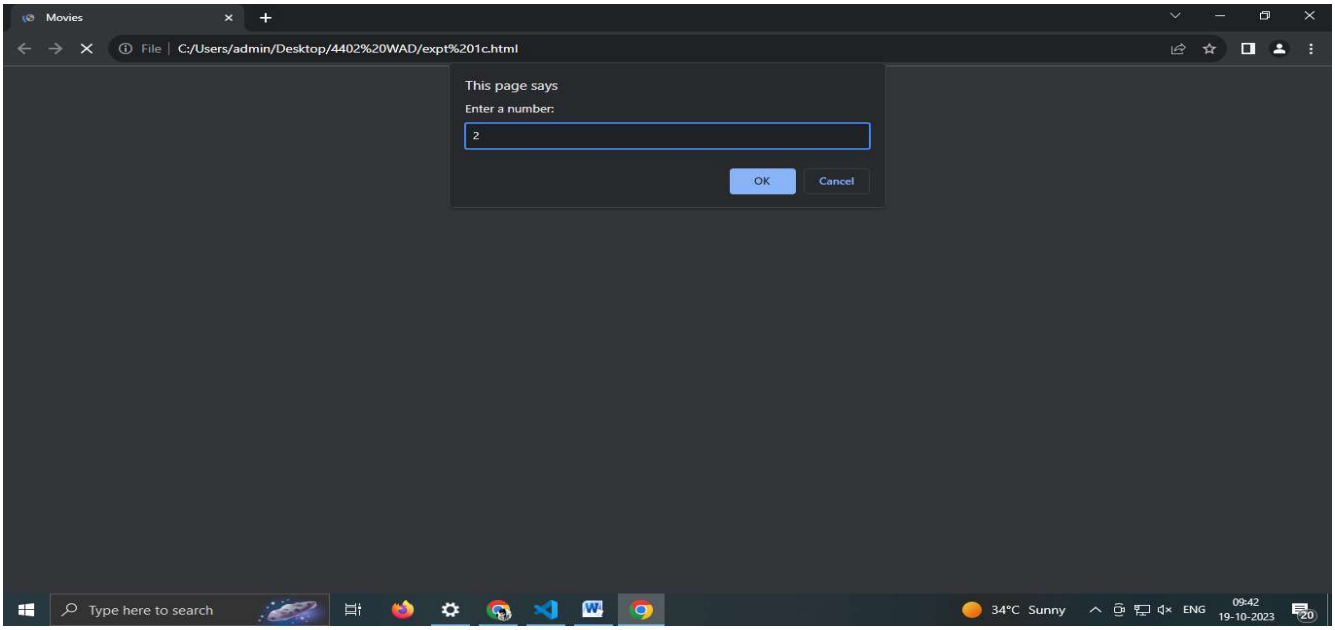
Module Name: JavaScript Input, write methods

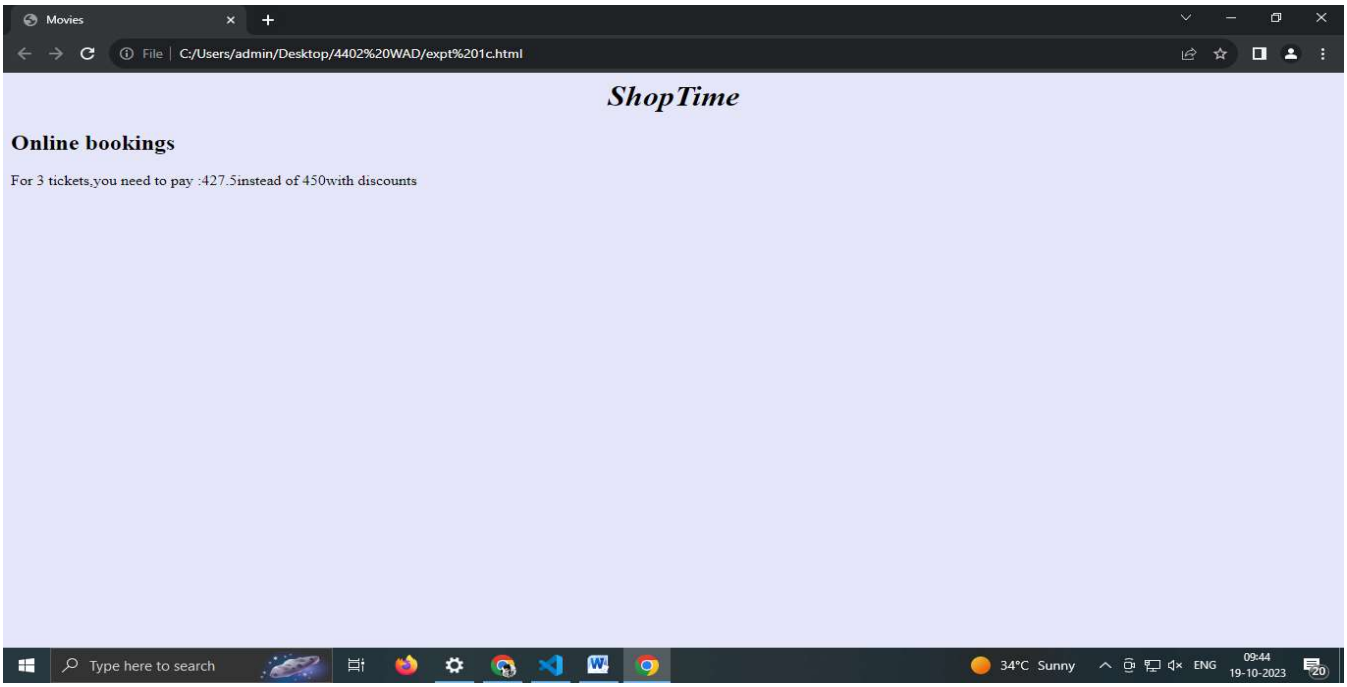
Displaying the cost of booking tickets using JavaScript.

Program:

```
<!DOCTYPE html>
<html>
  <head><title>Movies</title></head>
  <body bgcolor="lavender">
  <h1 align="center"><i>ShopTime</i></h1>
  <h2>Online bookings</h2>
  <script bgcolor="lavender">
  n=window.prompt("Enter a number:");
  if(n<=2)
  {
     tcost=n*150
     document.write("For n tickets,you need to pay :",tcost);
  }
  elseif(n>=6)
  {
     document.write("Bookings are not Allowed");
  }
  else
  {
     if (n==3){
     t1=150-(150*(3/100));
     t2=150-(150*(5/100));
     t3=150-(150*(7/100));
     tcost=t1+t2+t3;
     document.write("For 3 tickets,you need to pay :",tcost,"instead of ",(150*3),"with discounts");  }
  }
  elseif (n==4){
     t1=150-(150*(3/100));
     t2=150-(150*(5/100));
     t3=150-(150*(7/100));
     t4=150-(150*(9/100));
     tcost=t1+t2+t3+t4;
     document.write("For 4 tickets,you need to pay :",tcost,"instead of ",(150*4),"with discounts");
  }
  else{
     t1=150-(150*(3/100));
     t2=150-(150*(5/100));
     t3=150-(150*(7/100));
     t4=150-(150*(9/100));
     t5=150-(150*(11/100));
     tcost=t1+t2+t3+t4+t5;
     document.write("For 5 tickets,you need to pay :",tcost,"instead of ",(150*5),"with discounts");
  }
  </script>
  </body>
</html>
```

OUTPUT:


Movies
File | C:/Users/admin/Desktop/4402%20WAD/expt%201c.html
This page says
Enter a number:
2
OK
Cancel
Type here to search
34°C Sunny
ENG
09:42
19-10-2023


Movies
File | C:/Users/admin/Desktop/4402%20WAD/expt%201c.html
ShopTime
Online bookings
For 3 tickets,you need to pay :427.5instead of 450with discounts
Type here to search
34°C Sunny
ENG
09:44
19-10-2023

1E) Course Name: HTML5 – The Language

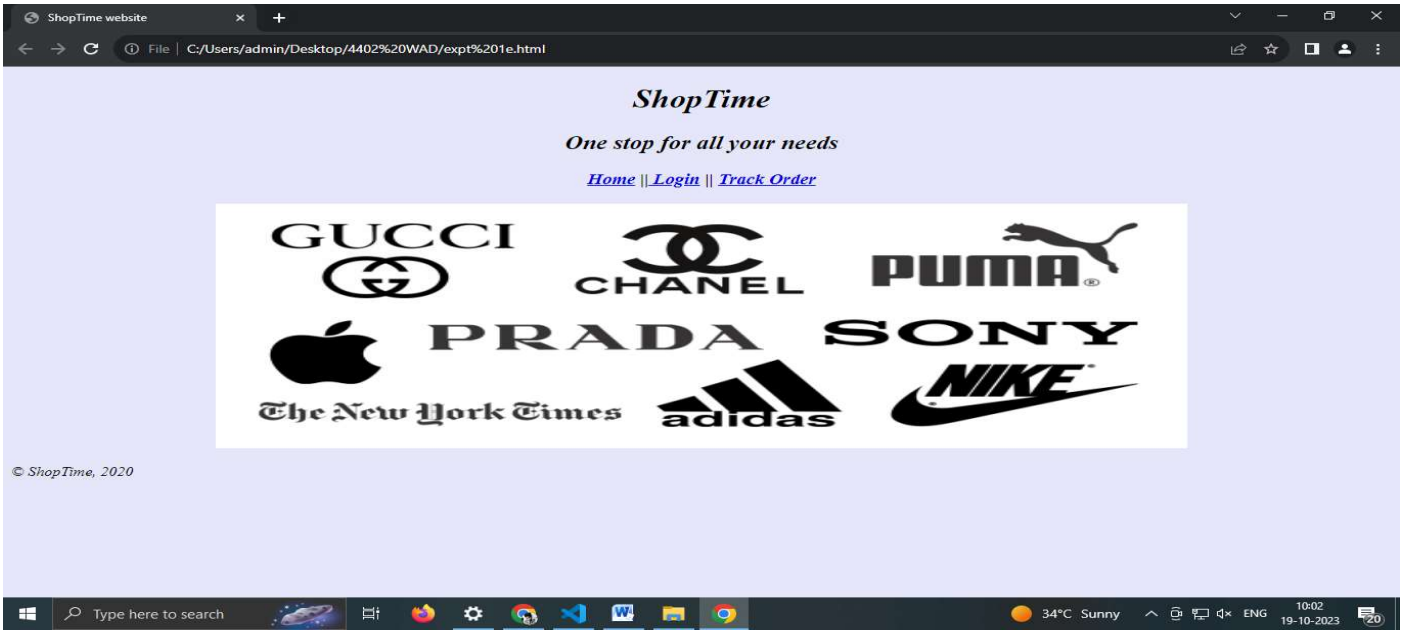
Module Name: Link Element

Link “Login”, “SignUp” and “Track order” to “Login.html”,“SignUp.html” and “Track.html” page respectively. Bookmark each category to its details of IEKart’s Shopping application.

Program:

```
<!DOCTYPE  HTML>
<html>
   <head>
   <title>ShopTime website</title>
   <meta charset="UTF-8">
   <meta name="description" content= "ShopTime is an online shopping website that sells goods in retail. This company deals with various categories like Electronics, Clothing, Accessories etc">
   <meta name="keywords" content=  "clothing,footwear,shopping">
   <meta  name="author" content="Myself">
   <meta  name="viewport" content="width=device-width, initial-scale=1.0">
   </head>
   <body bgcolor="lavender">
   h1 align="center"><i>ShopTime<i></h1>
   <h2 align="center"><i>One stop for all your needs<i></h2>
   <nav align="center"><h3>
   <a href=”home.html”>Home</a> ||<a href=”login.html”> Login</a> || <a href=”trackorder.html”>Track Order</a></h3>
   </nav>
   <center><p>
      <img src=https://www.logomaker.com/wp-content/uploads/2018/01/FLS-Blog-Black-Logos_Hero.jpg alt="Top shopping brands" width="950" height="300"</p>
   </center>
   </body>
   <footer>&copy; ShopTime, 2020</footer>
</html>
```

Output:



1F) Course Name: HTML5 – The Language

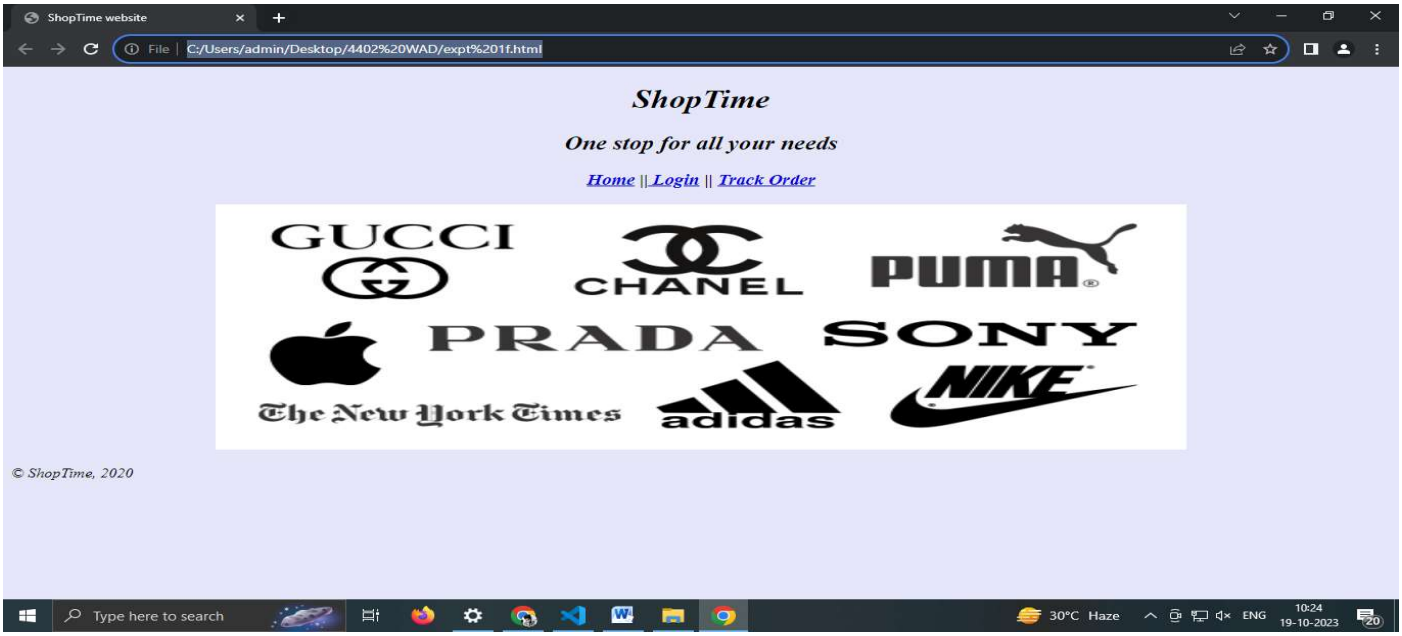
Module Name: Linking pages using anchor tag

Link “Login”, “Signup” and “Track order” to “Login.html”,“SignUp.html” and “Track.html” page respectively. Bookmark each category to its details of IEKart’s Shopping application.

Program:

```
<!DOCTYPE HTML>
<html>
<head>
   <title>ShopTime website</title>
   <meta charset="UTF-8">
   <meta name="description" content="ShopTime is an online shopping website that sells goods in retail. This company deals with various categories like Electronics, Clothing, Accessories etc">
   <meta name="keywords" content="clothing,footwear,shopping">
   <meta name="author" content="Myself">
   <meta  name="viewport" content="width=device-width, initial-scale=1.0">
</head>
<body  bgcolor="lavender">
   <h1  align="center"><i>ShopTime<i></h1>
   <h2  align="center"><i>One stop for all your needs<i></h2>
   <nav  align="center"><h3>
   <a  href=” home.html”>Home</a> ||<a  href=”login.html”> Login</a> || <a href=”trackorder.html”>Track Order</a></h3></nav>
   <center>
   <p><img src="https://www.logomaker.com/wp-content/uploads/2018/01/FLS-Blog-Black-Logos_Hero.jpg"  alt="Top shopping brands" width="950"  height="300"</p>
   </center>
</body>
<footer>&copy; ShopTime, 2020</footer>
</html>
```

OUTPUT:



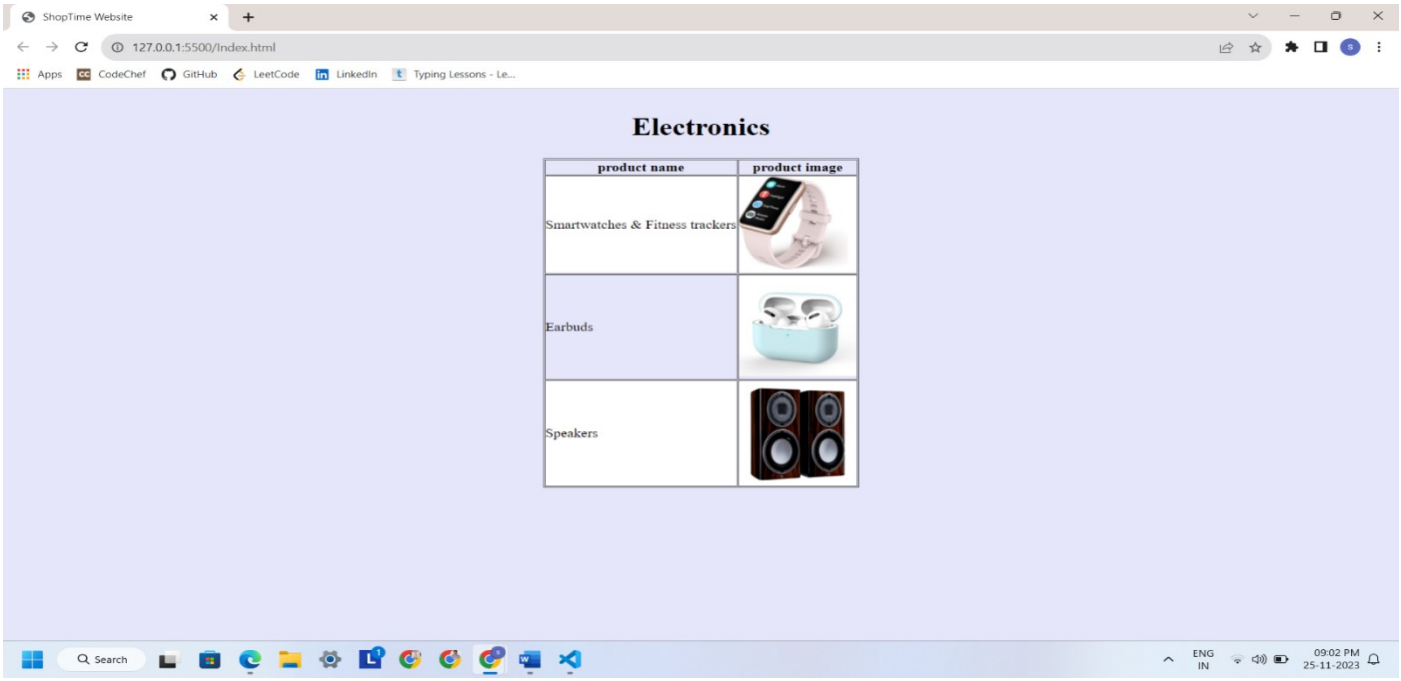
Experiment No: 2

2A) Course Name: HTML5 – The Language
Module Name: Creating Table Elements, Table Elements: Colspan/Rowspan attributes, border, cellspacing, cellpadding attributes.
Enhance the details page of IEKart's Shopping application by adding a table element to display the available mobile/any inventories.

Program:

```
<!DOCTYPE HTML>
<html>
  <head>
    <title>ShopTime Website</title>
  </head>
<body  bgcolor="lavender">
    <table cellspacing="1" cellpadding="0" border="1" align="center">
      <caption><h1>Electronics</h1></caption>
    <tr>
      <th>product name</th>
      <th>product image</th>
    </tr>
    <tr  bgcolor="white"><td>Smartwatches & Fitness trackers</td><td><img
src="https://consumer.huawei.com/content/dam/huawei-cbg-site/common/mkt/pdp/wearables/watch-fit/dynamic/watch-fit/img/pc/huawei-watch-fit-personal-assistant-3.jpg"width = "120px"height =
"120px"alt="Smartwatches"></td></tr>
    <tr><td>Earbuds</td><td><img
src="https://i.pinimg.com/originals/db/96/6c/db966cbb958a6c398e4e099f423ffb56.jpg"width =
"130px"height = "130px"alt="Earbuds"></td></tr>
    <tr bgcolor="white"><td>Speakers</td><td><img
src="https://www.monitoraudio.com/site/assets/files/33526/ma_platinum_100_pair_ebony.jpg"  width =
"130px" height = "130px" alt="Speakers"></td></tr>
  </table>
</body>
</html>
```

Output:



2B) Course Name: HTML5 -The Language

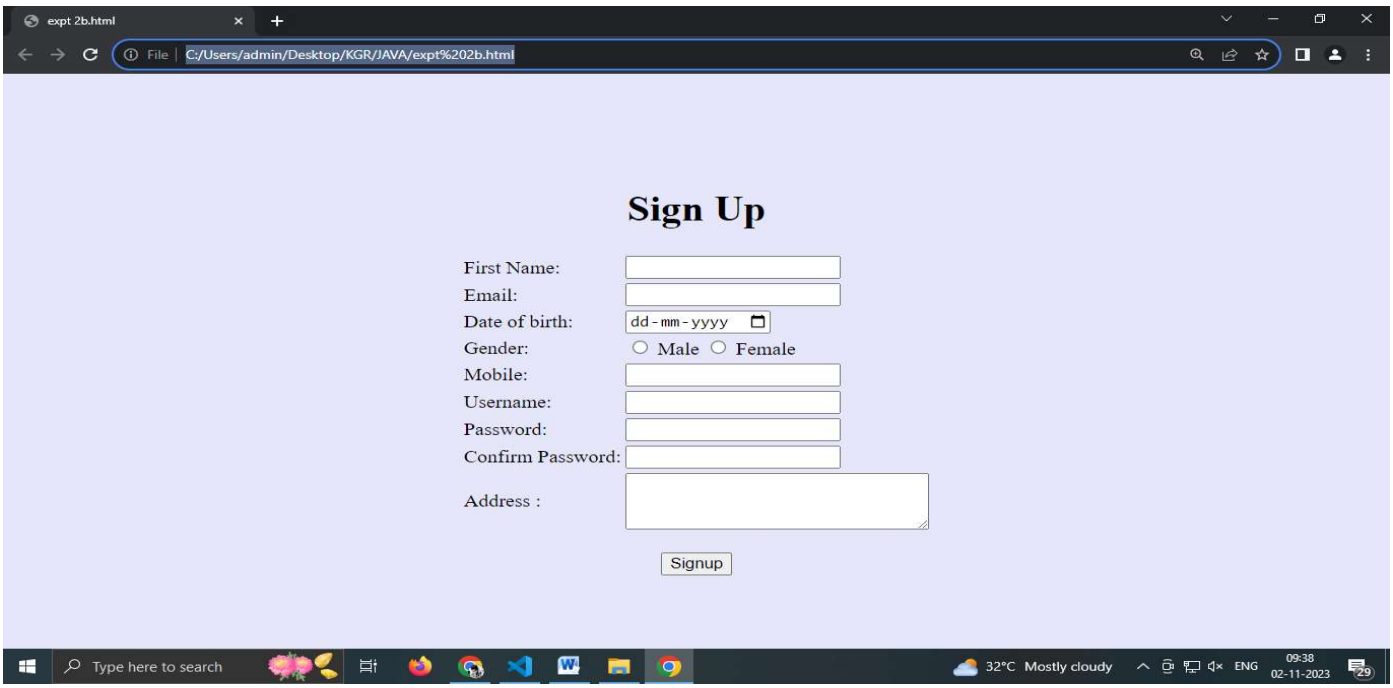
Module Name: Creating Table Elements, Table Elements : Colspan / Rowspan Attributes, border, cellspacing, cellpadding attributes

Enhance the details page of IEKart's Shopping application by adding a table element to display the available mobile/any inventories.

Program:

```
<!DOCTYPE html>
<html>
   <body  bgcolor="lavender">
   <form  align="center">
   <table  align=center>
   <caption><h1>Sign Up</h1></caption>
   <tr><td><label>First Name:</label></td><td><input  type="text"></td><br>
   <tr><td><label>Email:</label></td><td><input  type="email"><br>
   <tr><td><label>Date of birth:</label></td><td><input  type="date"></td>
   <tr><td><label>Gender: </label><td><input  type="radio"name="gender"value="Male"> Male <input
type="radio" name="gender" value ="Female"> Female</td><br>
   <tr><td><label>Mobile:</label></td><td><input type="number"><br>
   <tr><td><label>Username:</label></td><td><input  type="text"><br>
   <tr><td><label>Password:</label></td><td><input  type="password"><br>
   <tr><td><label>Confirm Password:</label></td><td><input  type="password"><br>
   <tr  rowspan="3"><td><label>Address :<br></label></td><td><textarea
rows="3"cols="30"></textarea></td></tr><br><br>
   </table>
   <br><button  type="submit">Signup</button>
   </form>
   </body>
</html>
```

OUTPUT:



2C) Course Name: HTML5 – The Language

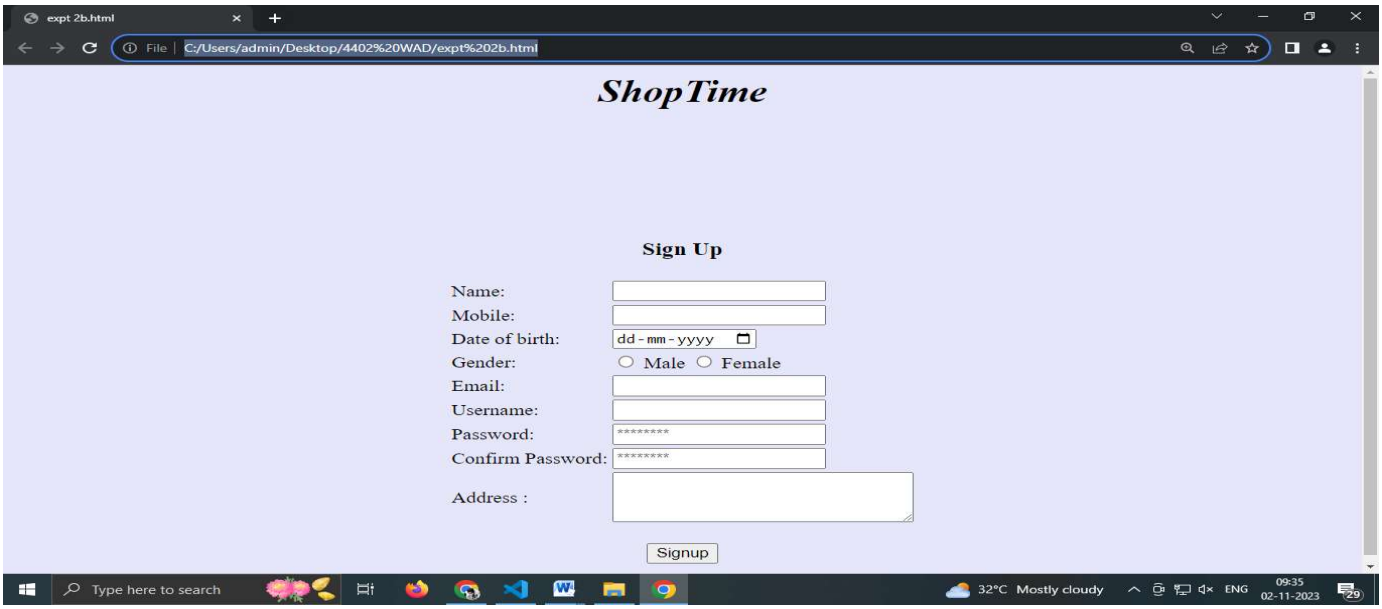
Module Name: Input Elements -Attributes

Enhance Signup page functionality of IEKart's Shopping application by adding attributes to input elements.

Program:

```
<html>
<body bgcolor="lavender">
<form align="center">
<table align=center>
<h1 align="center"><i>ShopTime</i></h1>
<caption><h3>Sign Up</h3></caption>
<tr><td><label>Name:</label></td><td><input type="text"></td><br>
<tr><td><label>Mobile:</label></td><td><input type="number" autocomplete="on"></td><br>
<tr><td><label>Date of birth:</label></td><td><input type="date"></td>
<tr><td><label>Gender: </label><td><input type="radio" name="gender" value="Male"> Male <input
type="radio" name="gender" value="Female"> Female</td><br>
<tr><td><label>Email:</label></td><td><input type="email"><br>
<tr><td><label>Username:</label></td><td><input type="text"pattern="[A-Za-z]+" maxlength="20"
minlength="9"><br>
<tr><td><label>Password:</label></td><td><input type="password" placeholder="********"><br>
<tr><td><label>Confirm Password:</label></td><td><input
type="password"placeholder="********"><br>
<tr rowspan="3"><td><label>Address :<br></label></td><td><textarea
rows="3"cols="30"spellcheck="true"></textarea></td></tr><br><br>
</table>
<br><button type="submit">Signup</button>
</form>
</body>
</html>
```

OUTPUT:



2D) Course Name: HTML5 – The Language

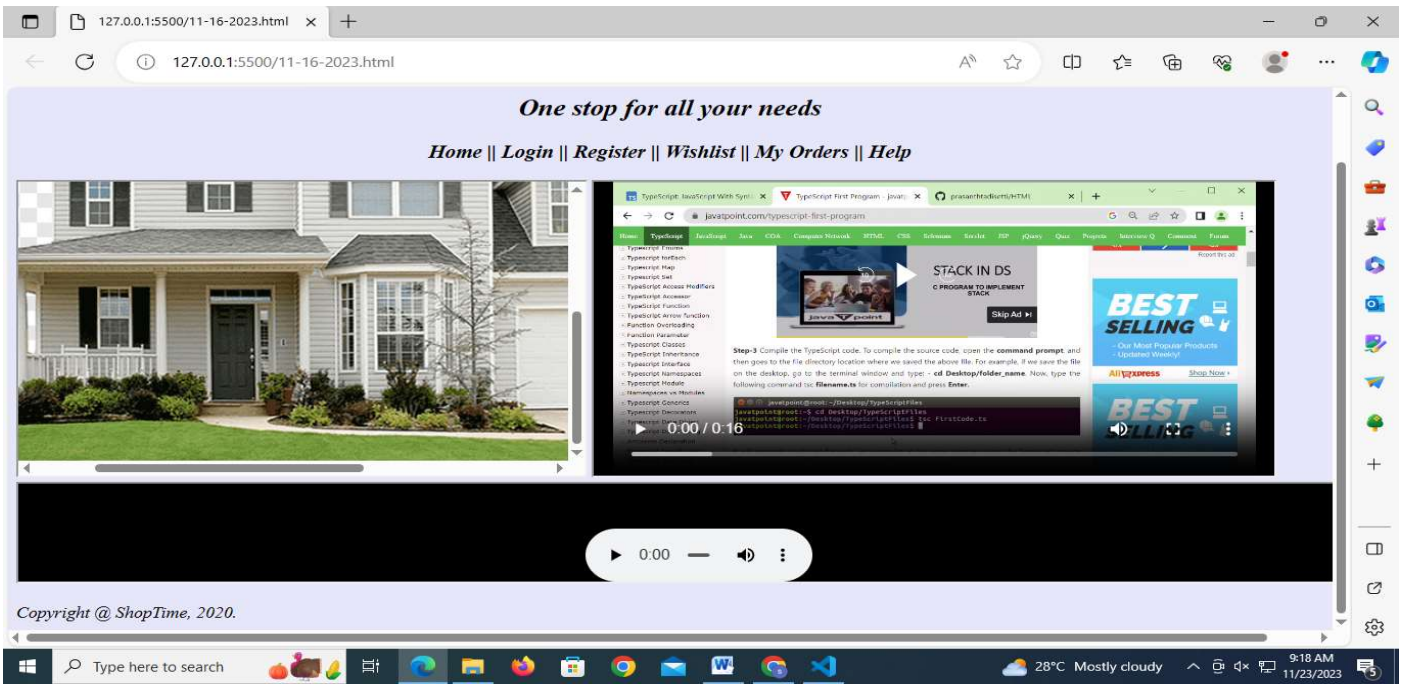
Module Name: Media,Iframe

Add media content in a frame using audio, vedio, iframe elements to the Home page of IEKart's Shopping application.

Program:

```
<!DOCTYPE html>
<html>
  <head><title>Exp-2C</title></head>
  <body bgcolor="lavender">
    <h1 align="center"><i>ShopTime<i></h1>
    <h2 align="center"><i>One stop for all your needs<i></h2>
    <header>
    <nav  align="center"><h3>Home || Login || Register || Wishlist || My Orders || Help</h3>
    </nav>
    </header>
    <p>
    <iframe src="homeimage.png" name="iframe_1" height="300px" width="500px" title="Iframe Example"></iframe>
    <iframe src="vedio.mp4" name="iframe_2"height="300"width="600"title="Iframe Example"></iframe>
    <iframe src="Ringtone Ringtone.mp3" name="iframe_3" height="100" width="1200" title="Iframe Example"></iframe></p>
  </body>
  <footer>
  Copyright @ ShopTime, 2020.
  </footer>
</html>
```

OUTPUT:



Experiment No: 3

3A) Course Name: HTML5 – The Language

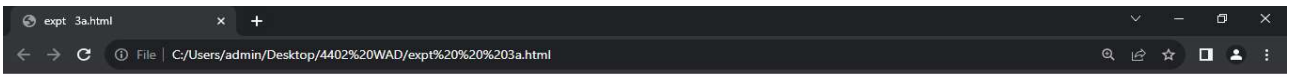
Module Name: Using var and let keywords in Javascript

Using const, let, var keywords in Javascript.

Program:

```
<html>
<body>
<h2>Area of a circle with var and let</h2>
<script>
   var rad=10;
   const pi=3.14;
   area=pi*rad*rad;
   document.write("Area of circle using var="+area+"<br>");
   var rad=14;
   area=pi*rad*rad;
   document.write("Area of circle after re-assigning var=="+area+"<br>");
   let radius=10;
   area=pi*radius*radius;
   document.write("Area of circle using let="+area+"<br>");
</script>
</body>
</html>
```

OUTPUT:



Area of a circle with var and let

Area of circle using var=314
Area of circle after re-assigning var==615.44
Area of circle using let=314

3B) Course Name: HTML5 – The Language

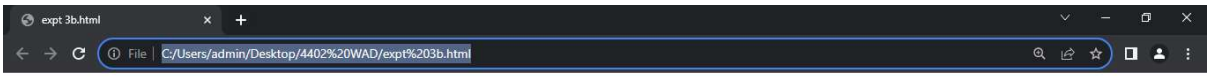
Module Name: JavaScript Literals and Templates

Using Literals and templates of JavaScript.

Program:

```
<!DOCTYPE  html>
<html>
<body>
<h2>JavaScript Template Literals</h2>
<p  id="demo"></p>
<p  id="demo1"></p>
<script>
   let MovieName = "Transformers";
   let Starring = "Meghan Fox";
   let Language = "English";
   var Rating = "7.9";
   let Movie = "San Andreas";
   let Cast = "Dwayne Johnson";
   let Lang = "English";
   var Ratings = "8.5";
   let text = `The movie  "${MovieName}" starring  ${Starring} originally in ${Language} has rating of
${Rating}`;
      document.getElementById("demo").innerHTML = text;
   let text1= `The movie  "${Movie}" starring  ${Cast} originally in ${Lang} has rating of ${Ratings}`;
      document.getElementById("demo1").innerHTML = text1;
</script>
</body>
</html>
```

OUTPUT:



JavaScript Template Literals

The movie "Transformers" starring Meghan Fox originally in English has rating of 7.9

The movie "San Andreas" starring Dwayne Johnson originally in English has rating of 8.5

3C) Course Name: HTML5 -The Language

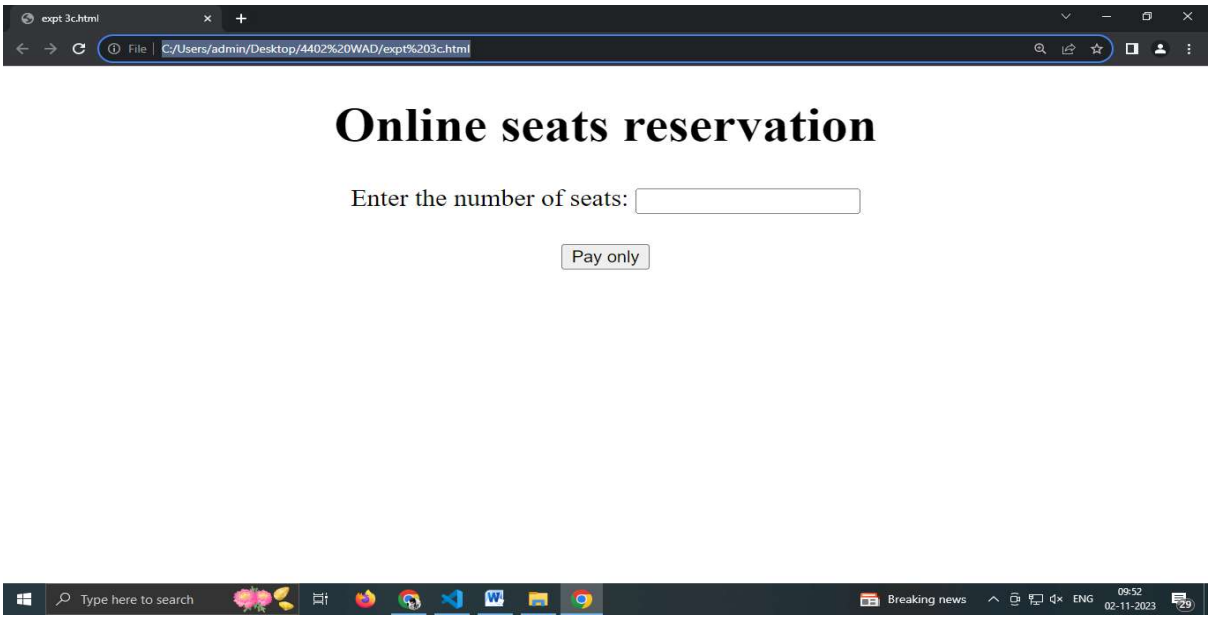
Module Name: Functions in JavaScript

Using functions in JavaScript for code reusability.

Program :

```
<!DOCTYPE  html>
<html>
<head>
</head>
<body  style = "text-align: center; font-size: 20px;">
   <h1> Online seats reservation </h1>
   Enter the number of seats: <input id = "number">
   <br><br>
   <button  onclick = "m()">Pay only</button>
   <p  id = "res"></p>
   <script>
function ticket(num)
   {
      actual=num*150;
      discount=(actual/10); afterdisc=actual-discount; return afterdisc
   }
   function m()
   {
      var num = document.getElementById("number").value;
      var f = ticket(num);
      document.getElementById("res").innerHTML="The total price is " + num + " is: " + f ;
   }
   </script>
</body>
</html>
```

OUTPUT:



3D) Course Name: HTML5 – The Language

Module Name: Input Elements in JavaScript

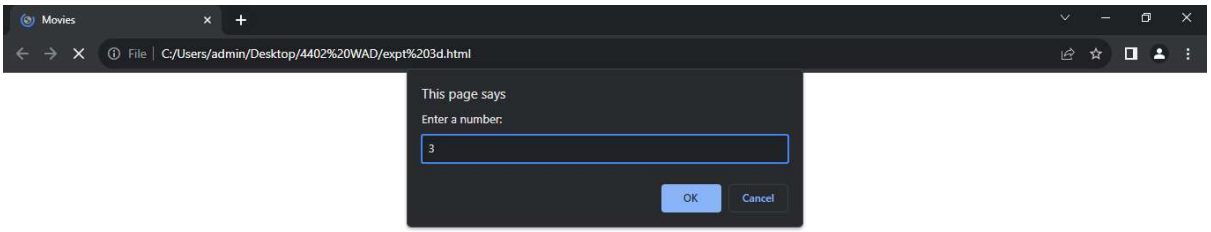
Taking input using JavaScript and calculating price of tickets.

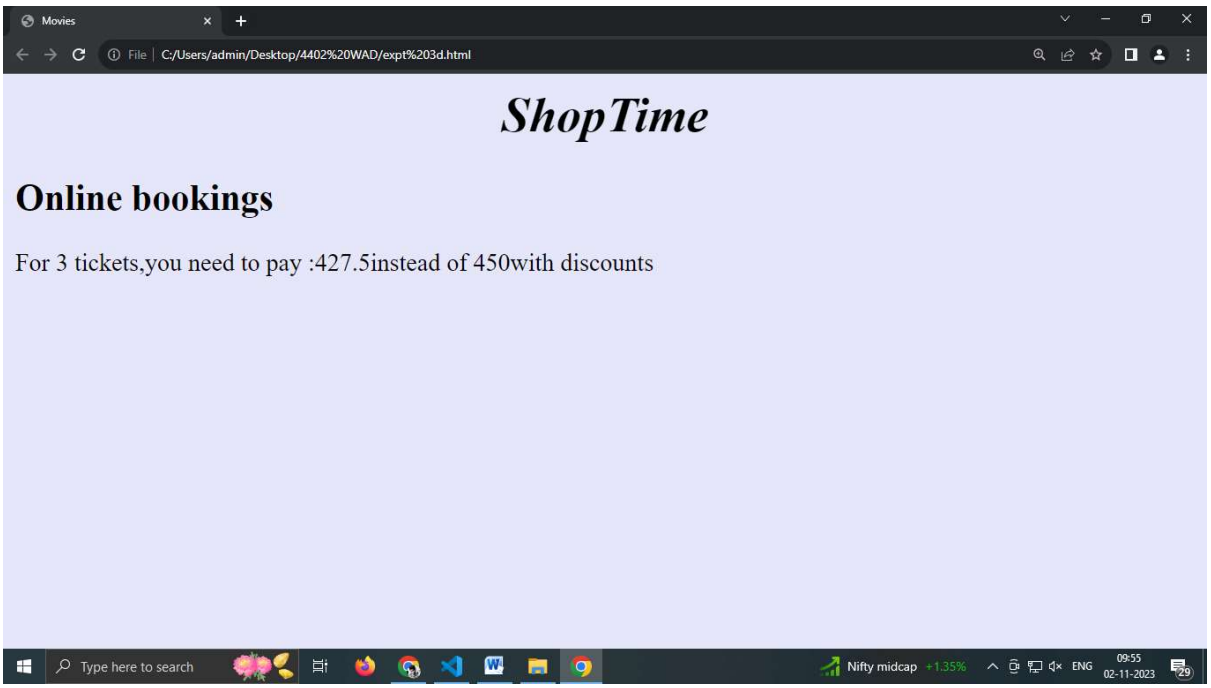
Program:

```
<html>
<head>
<title>Movies</title>
</head>
<body  bgcolor="lavender">
<h1 align="center"><i>ShopTime</i></h1>
<h2>Online bookings</h2>
<script  bgcolor="lavender">
n=window.prompt("Enter a number:");
 if(n<=2)
{
   tcost=n*150
   document.write("For n tickets,you need to pay :",tcost);
 }
elseif(n>=6)
{
   document.write("Bookings are not Allowed");
 }
else
{
      if (n==3)
      {
      t1=150-(150*(3/100));
      t2=150-(150*(5/100));
      t3=150-(150*(7/100));
      tcost=t1+t2+t3;
      document.write("For 3 tickets, you need to pay :",tcost,"instead of ",(150*3),"with discounts");
   }
   elseif (n==4)
      {
      t1=150-(150*(3/100));
      t2=150-(150*(5/100));
      t3=150-(150*(7/100));
      t4=150-(150*(9/100));
      tcost=t1+t2+t3+t4;
      document.write("For 4 tickets,you need to pay :",tcost,"instead of ",(150*4),"with discounts");
   }
   else
      {
   t1=150-(150*(3/100));
      t2=150-(150*(5/100));
      t3=150-(150*(7/100));
      t4=150-(150*(9/100));
      t5=150-(150*(11/100));
      tcost=t1+t2+t3+t4+t5;
```

```
        document.write("For 5 tickets, you need to pay :",tcost,"instead of ",(150*5),"with discounts");
    }
}
</script>
</body>
</html>
```

OUTPUT:





Experiment No: 4

4A) Course Name: HTML5 – The Language

Module Name: Loops and Conditional statements in JavaScript

Enhancing the IEKat's website with the help of JavaScript to calculate prices of tickets.

Program:

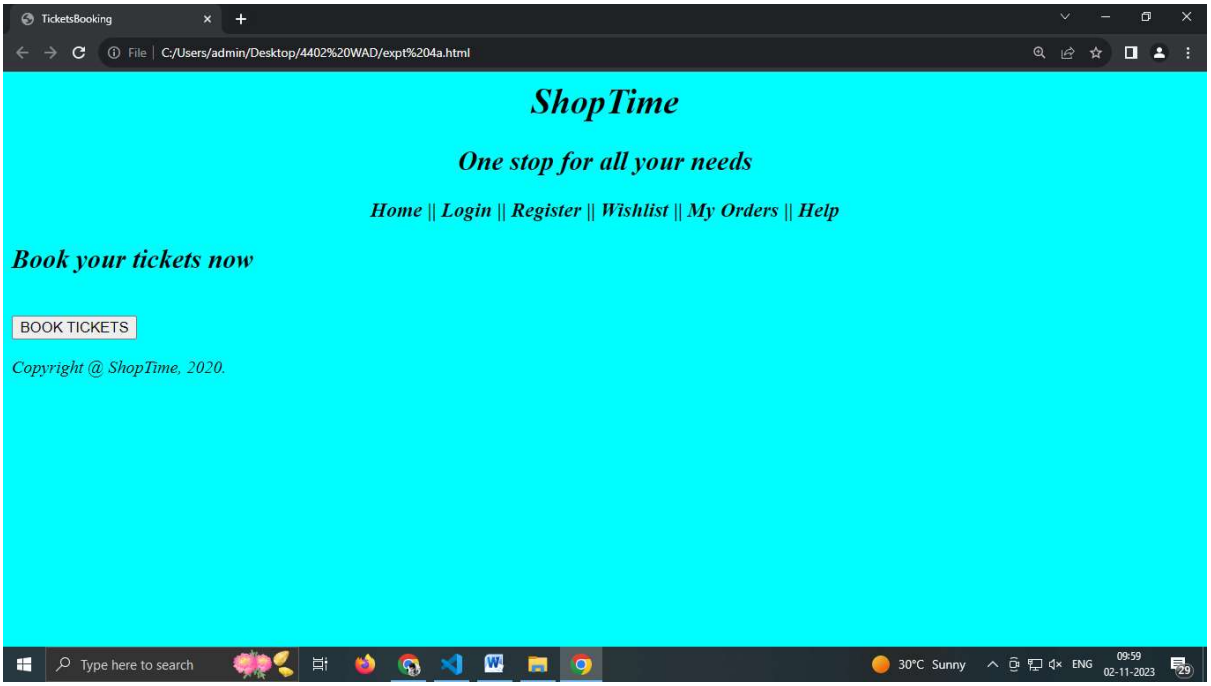
```
<html>

<head>

<title>TicketsBooking</title>
<script>
   var x;var y;var z;
   fun=()=>
   {
      var a=prompt("Enter the number of tickets:");
      if(a<6)
      {
         document.getElementById("id").innerHTML="Total amount you need to pay:";
         document.getElementById("id1").innerHTML="Rs."+calculateCost(a);
         document.getElementById("id2").innerHTML="Discount Amount is: Rs."+calculateDiscount(a);
      }
      else
      {
         document.getElementById("id").innerHTML="Sorry! You can book upto 5 tickets only in online!!";
         document.getElementById("id1").innerHTML="";
         document.getElementById("id2").innerHTML="";
      }
   }
      const p=150;
      calculateCost=(a)=>{
         var i=1;s=0;j=0;k=0.03;
         if(a>2&& a<6) {
         do{
            j=p-(p*k);s+=j;j=0;k+=0.02;i+=1;
         }
         while(i<=a);
      }
      elseif(a<=2){
          s=p*a;
      }
      else
         s=0;
         return s;
}
calculateDiscount=(a)=>
{
   var g=calculateCost(a);var z=a*p;
   return z-g;
}
```

```
</script>
</head>
   <body bgcolor="cyan">
   <center><h1><i>ShopTime</i></h1></center>
   <h2 align="center"><i>One stop for all your needs<i></h2>
   <header>
   <nav  align="center"><h3>Home || Login || Register || Wishlist || My Orders || Help</h3>
   </nav>
   <center>
   </header>
   <h2>Book your tickets now</h2><br>
   <input type="button" value="BOOK TICKETS"      onclick="fun()">
   <p id="id"></p>
   <p id="id1"></p>
   <p id="id2"></p>
   </body>
   <footer>Copyright @ ShopTime, 2020.</footer>
</html>
```

OUTPUT:

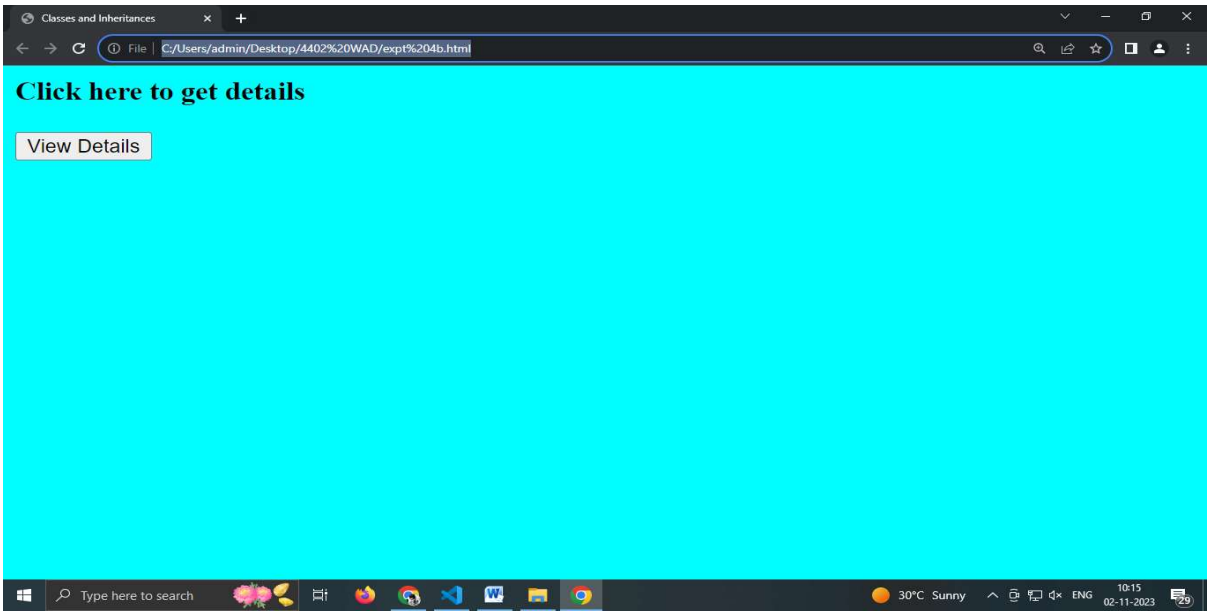


4B) Course Name: HTML5 – The Language
Module Name: Classes and Inheritance
Using Classes and Inheritance properties in JavaScript and constructor in JavaScript

Program:

```
<html>
<head><title>Classes and Inheritances</title>
<script>
class Person {
   constructor(name,age) {
   this.name=name;
   this.age=age; }
   Det() {
      return"Name: "+this.name+"<br>"+"<br>"+"Age: "+this.age;
   }}
   class Employee extends Person{
      constructor(name,age,role,contact) {
         super(name,age);
         this.roll=role;
         this.contact=contact; }
      getDetails() {
         returnthis.det()+"<br>"+"<br>"+"Role:"+this.roll+"<br>"+ "<br>"+"Contact: "+this.contact;} }
function fun() {
      let v=new Employee("John Doe",24,"Cloud Architect","9876543210");
      document.getElementById("id1").innerHTML=v.getDetails();}
</script>
</head>
   <body bgcolor="cyan">
   <h1 style="background-color:white"><center></center></h1>
   <h3>Click here to get details </h3>
   <p id="id1"></p></center>
   <input type="button" value="View Details" onclick="fun()">
   </body>
</html>
```

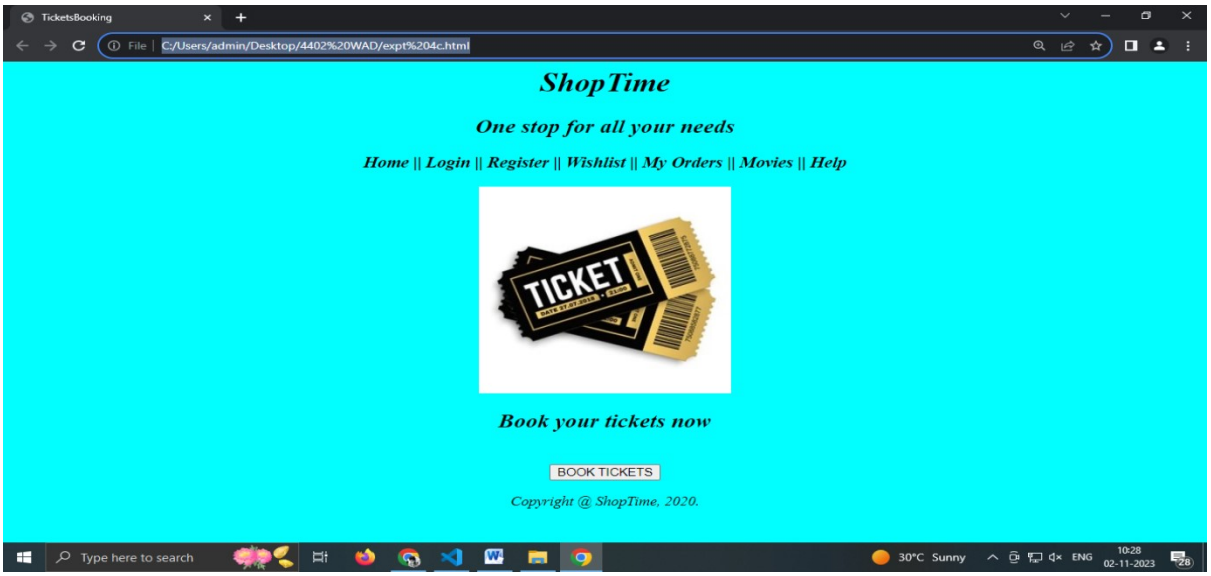
OUTPUT:

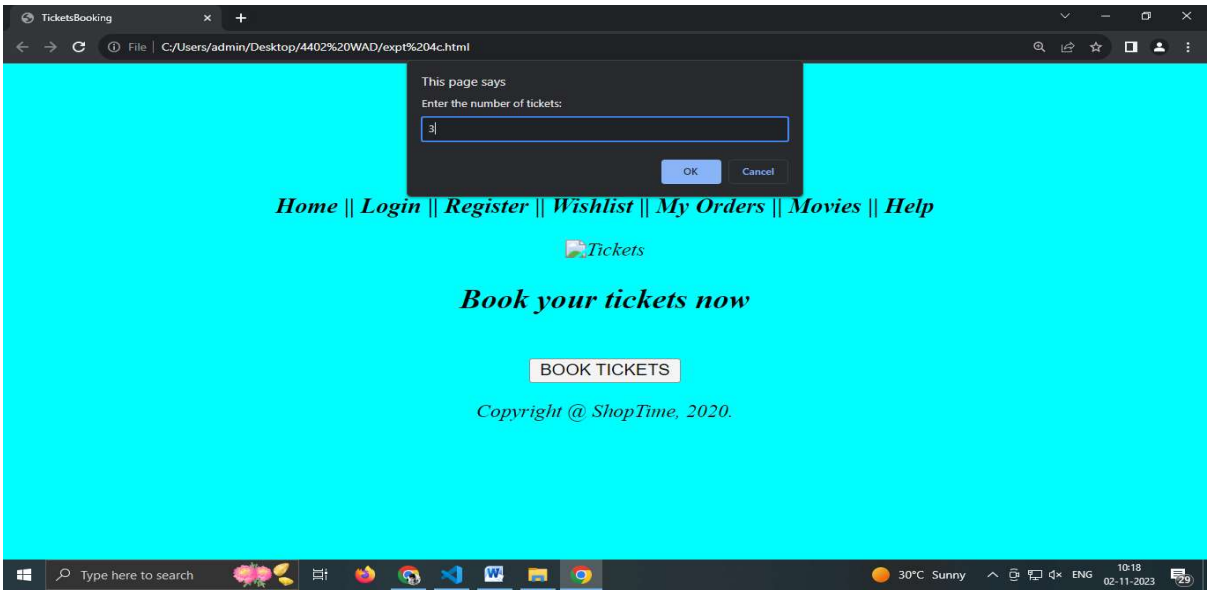


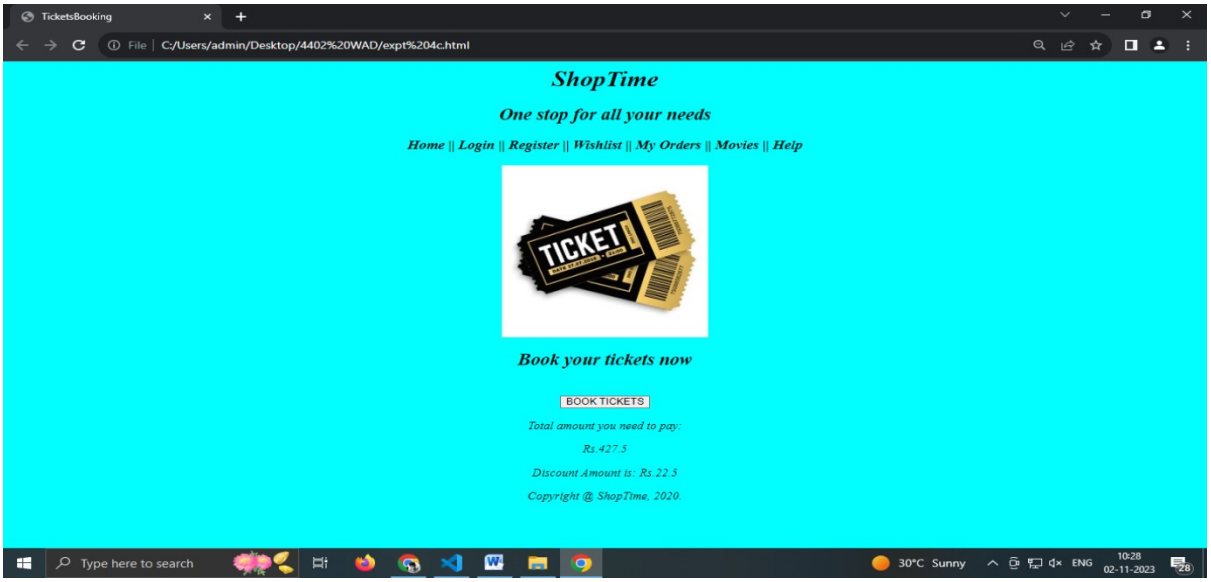
4C) Course Name: HTML5 – The Language
Module Name: Loops and Conditional Statements in JavaScript
Enhancing IEkart's website with "BOOK TICKETS" button

```
<html>
<head>
<title>TicketsBooking</title>
<script>
   var x;var y;var z;
   fun=()=>{
      var a=prompt("Enter the number of tickets:");
      if(a<6){
         document.getElementById("id").innerHTML="Total amount you need to pay:";
         document.getElementById("id1").innerHTML="Rs."+calculateCost(a);
         document.getElementById("id2").innerHTML="Discount Amount is: Rs."+calculateDiscount(a);
      }
      else{
         document.getElementById("id").innerHTML="Sorry! You can book upto 5 tickets only in online!!";
         document.getElementById("id1").innerHTML="";
         document.getElementById("id2").innerHTML="";
      }}
   const p=150;
   calculateCost=(a)=>{
      var i=1;s=0;j=0;k=0.03;
      if(a>2&& a<6) {
      do{
         j=p-(p*k);s+=j;j=0;k+=0.02;i+=1;}
      while(i<=a);}
   elseif(a<=2){
     s=p*a;
   }
   else
      s=0;
      return s; }
calculateDiscount=(a)=>{
   var g=calculateCost(a);var z=a*p;
   return z-g;}
</script>
</head>
   <body  bgcolor="cyan">
   <center><h1><i>ShopTime</i></h1></center>
   <h2  align="center"><i>One stop for all your needs<i></h2><header>
   <nav  align="center"><h3>Home || Login || Register || Wishlist || My Orders || Movies || Help</h3></nav>
   </header>
   <center><imgsrc="tickets.jpg"alt="Tickets"></img>
   <h2>Book your tickets now</h2><br>
   <input type="button" value="BOOK TICKETS" onclick="fun()"><p id="id"></p>
   <p id="id1"></p>
   <p id="id2"></p>
   </body>
   <footer>Copyright @ ShopTime, 2020.</footer></center>
</html>
```

OUTPUT:


TicketsBooking
File | C:/Users/admin/Desktop/4402%20WAD/expt%204c.html
ShopTime
One stop for all your needs
Home || Login || Register || Wishlist || My Orders || Movies || Help
Book your tickets now
BOOK TICKETS
Copyright @ ShopTime, 2020.


TicketsBooking
File | C:/Users/admin/Desktop/4402%20WAD/expt%204c.html
This page says
Enter the number of tickets:
3
OK
Cancel
Home || Login || Register || Wishlist || My Orders || Movies || Help
Tickets
Book your tickets now
BOOK TICKETS
Copyright @ ShopTime, 2020.


TicketsBooking
File | C:/Users/admin/Desktop/4402%20WAD/expt%204c.html
ShopTime
One stop for all your needs
Home || Login || Register || Wishlist || My Orders || Movies || Help
Book your tickets now
BOOK TICKETS
Total amount you need to pay:
Rs.427.5
Discount Amount is: Rs.22.5
Copyright @ ShopTime, 2020.

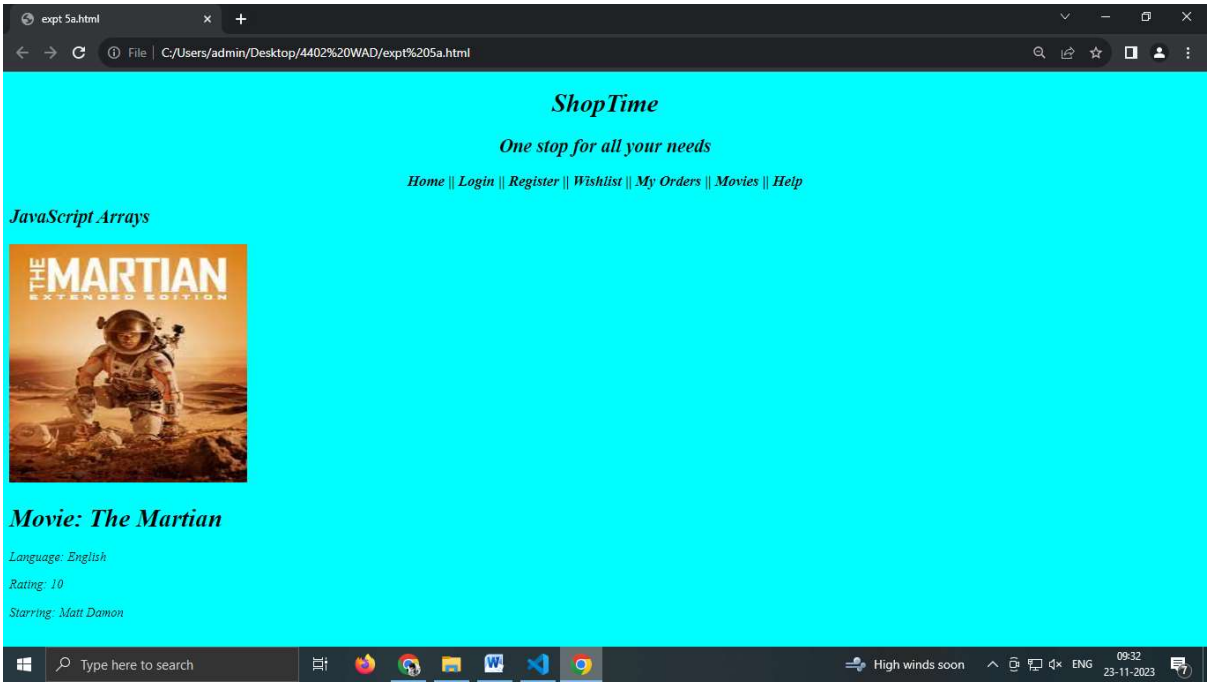
Experiment No: 5

5A) Course Name: HTML5 – The Language
Module Name: JavaScript Arrays
Movie description using Array declaration and Access elements in the Array

Program :

```
<!DOCTYPE html>
<html>
<body bgcolor="cyan">
<center><h1><i>ShopTime</i></h1>
<h2 align="center"><i>One stop for all your needs<i></h2>
<header>
<nav align="center"><h3>
                Home || Login || Register || Wishlist || My Orders || Movies || Help</h3>
</nav>
</header></center>
<I><h2>JavaScript Arrays</h2></I>
<img src="martin.jpg" width="300px" height="300px"></img>
<B><h1 id="demo1"></h1></B>
<p id="demo2"></p>
<p id="demo3"></p>
<p id="demo4"></p>
<script>const Movie = [ "The Martian", "English", "10", "Matt Damon”];
document.getElementById("demo1").innerHTML = "Movie:  "+Movie[0];
document.getElementById("demo2").innerHTML = "Language:  "+Movie[1];
document.getElementById("demo3").innerHTML = "Rating:  "+Movie[2];
document.getElementById("demo4").innerHTML = "Starring:  "+Movie[3];
</script>
</body>
</html>
```

OUTPUT :



5B) Course Name: HTML5- The Language

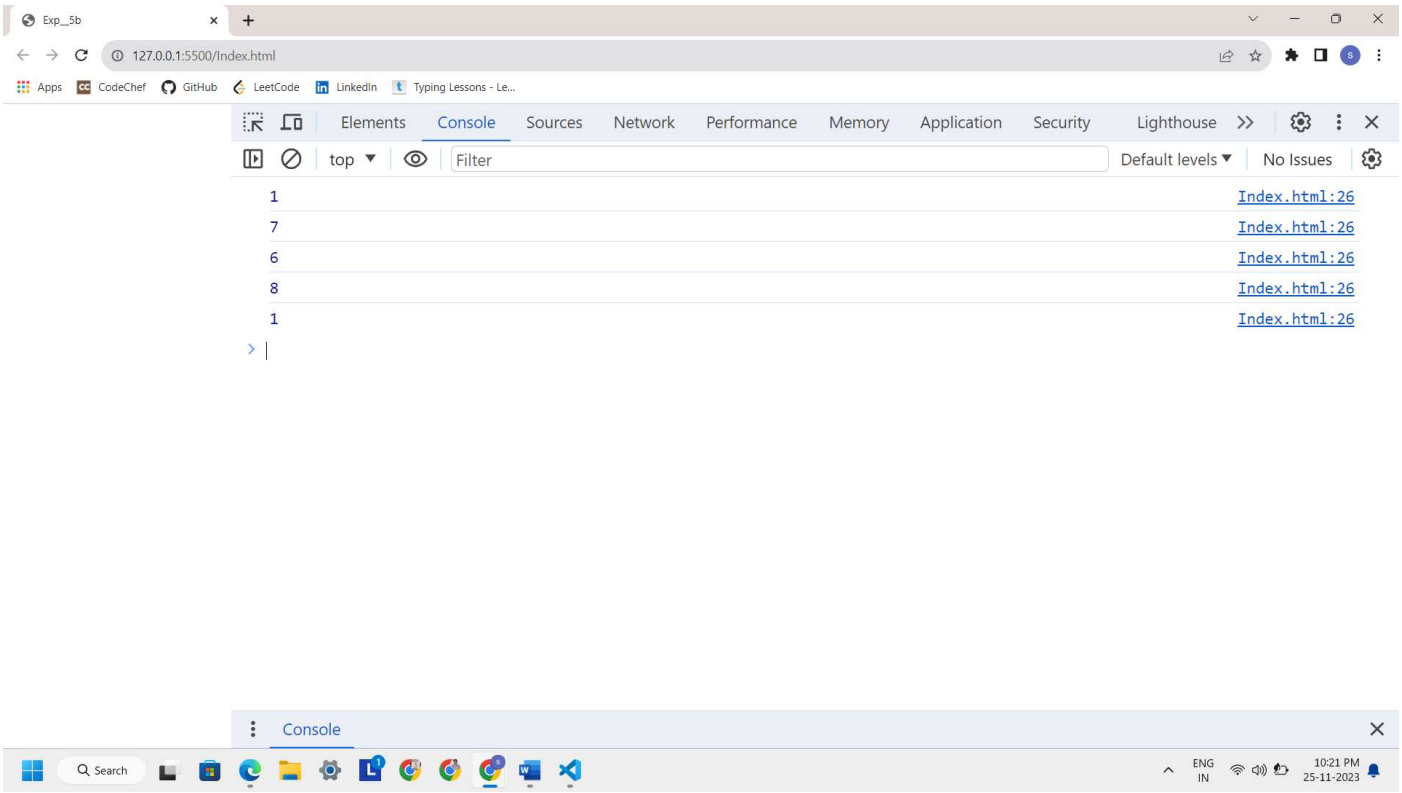
Module Name: Promise and Interval methods

Random Number generator from 0-9

Program:

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Exp__5b</title>
</head>
<body>
<script>
let c=0;
const stock = setInterval(stokc,3000);
function stokc(){
   var myPromise = new Promise(function (resolve, reject)
   {
      setTimeout(function ()
      {
         var a=Math.floor(Math.random() * 10);
         resolve(a);
      },
      3000);
   });
   myPromise.then(
      function (data)
      {
         console.log(data);
      },
      function (error) {
         console.log(error);
      }
   );
   c+=1;
   if(c==5)
   {
      Stop();
   }
}
function Stop() {
   clearInterval(stock);
}
</script>
</body>
</html>
```

Output:

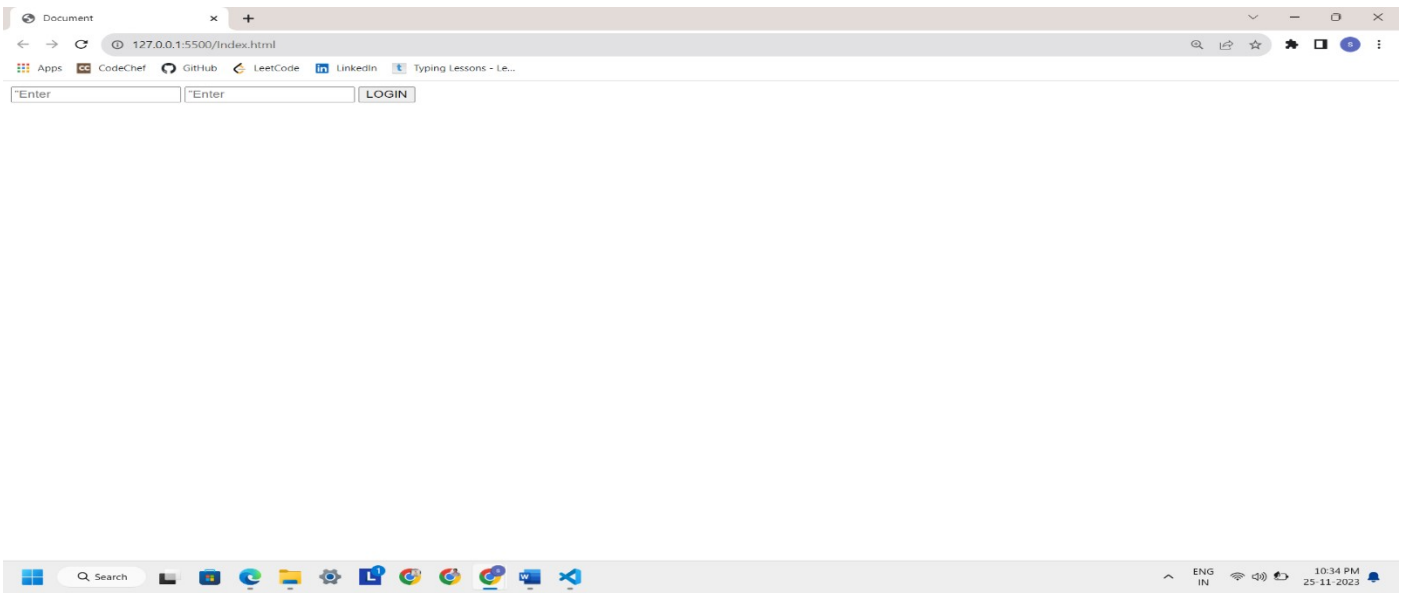

Exp_5b
127.0.0.1:5500/Index.html
Apps
CodeChef
GitHub
LeetCode
LinkedIn
Typing Lessons - Le...
Elements
Console
Sources
Network
Performance
Memory
Application
Security
Lighthouse
top
Filter
Default levels
No Issues
1 Index.html:26
7 Index.html:26
6 Index.html:26
8 Index.html:26
1 Index.html:26
Console
Search
ENG
IN
10:21 PM
25-11-2023

5C) Course Name: HTML5 -The Language
Module Name: User validation and Login Form
Validating the credentials of user in login form.

Program:

```
<!DOCTYPE html>
<html lang = “en”>
<head>
    <meta  charset=”UTF-8/>
    <meta  http-euiv=”X-UA-Compatible”content=”IE=edge”/>
    <meta  name = “viewname”content=”width=device-width,initial-scale=1.0”/>
    <title>Document</title>
</head>
<body>
    <input type = “text” name=”name” id=”name” placeholder=”Enteryourusernamehere”/>
    <input type = “password” name=”pass” id=”password” placeholder=”Enteryourpassword”/>
    <button type = “submit” id =”btn”> LOGIN</button>
    <script>
    import { User } from'./login.js';
    document.getElementById('btn').addEventListener('click',() =>{
    let username = document.getElementById('name').value;
    let password = document.getElementById('password').value;
    let user1 = new User(“abc”,’123’);
    document.writeln(user1.validateUser(username,password));
    });
    </script><script>
    Class User{
        Constructor(name,pass){
            this.username = name;
            this.password = pass;}
        validateUser(name,pass){
            return name = this.name && pass==this.password) ? ”Login Successful” :
“Unauthorized access”;}}
</script>
</body>
```

Output:



Experimentno:-6 **Node.js**

Course Name: Node.js

Module Name: How to use Node.js

Verify how toexecute different functions successfully in the Node.js platform.

Aim: Learning about use of Node.js and verifying how to execute different functions successfully in the Node.js platform.

Sample.js

```
console.log("Node.js program to proceed");
```

```
C:\Users\giridhar>cd nodejs
C:\Users\giridhar\nodejs>node sample.js
Node.js program to proceed
```

Program:-

```
function tester()
{
var m=10; var
message;if
(m%2==0)
{
message = "m is an even number";
}
else
{
message = "m is not an even number";
}
console.log(message);
}
tester();
```

Output:-

```
PS C:\python programs\mean stack> node week6a.jsm is
an even number
```

Exp No : 6.b

Course Name: Node.js

Module Name: Create a web server in Node.js

Write a program to show the workflow of JavaScript code executable by creating web server in Node.js.

Aim: Creating a web server in Node.js and showing the workflow of JavaScript code executable by creating web server in Node.js.

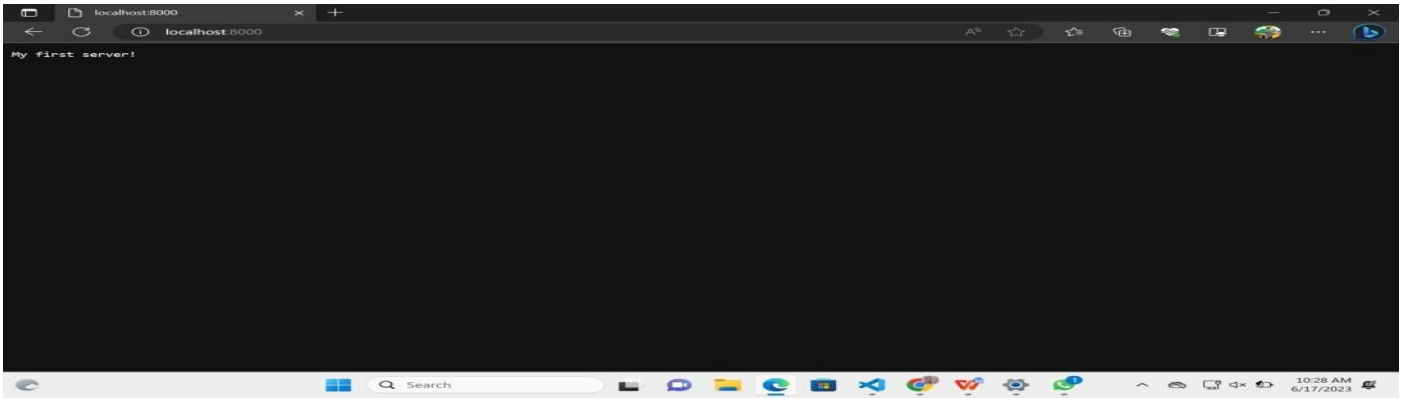
Program:-

```
const http = require("http");
const host = 'localhost'; const
port = 8000;
const requestListner = function(req, res) {
res.end("My first server!");
};
const server = http.createServer(requestListner);
server.listen(port, host, () => {
console.log(`Server is running on http://${host}:${port}`);
})
```

Output:-

PS C:\python programs\mean stack> node week6b.js
Server is running on http://localhost:8000

OUTPUT:



Exp No : 6.c

Course Name: Node.js

Module Name: Modular programming in Node.js
Write aNode.js module to show the workflow of Modularization of Node application.
Aim: Write a Node.js module to show the workflow of Modularization of Node application
Program:-
Module.js

```
exports.authenticateUser = (a, b) =>
{return a+b;
};
```

Auth.js

```
const http = require("http");
var dbmodule = require("./giri");
var server = http.createServer((request, response) => { result
= dbmodule.authenticateUser(4000,2);
response.writeHead(200, { "Content-Type": "text/html" });
response.end("<html><body><h1>" + result + "- You have connected to the localhost4002
</h1></body></html>");
console.log("Request received"); });
server.listen(4002);
console.log("Server is running at port 4002");
```

Output:-
PS C:\python programs\mean stack> node Auth.jsServer is
running at port 4002
Request received
Request received

OUTPUT:

Exp No : 6.d

Course Name: Node.js

Module Name: Restarting Node Application

Writea program to show the workflow of restarting a Node application.

Aim: Program to show the workflow of restarting a node application.

Nodemon

To install it in the application, run the below command.npm install nodemon –g

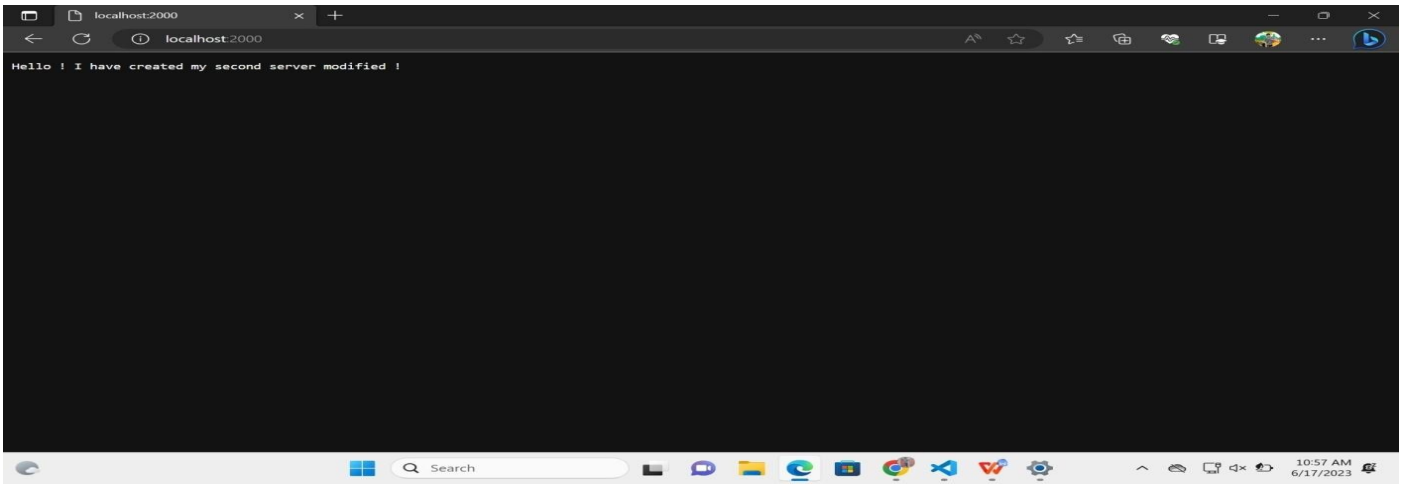
Program:-

```
const http = require("http");
var server = http.createServer((req, res) => {
res.write("Hello ! I have created my second server modified giri!");
res.end();
});
server.listen(3000);
console.log("Server started... Running on localhost:3000");
```

Output:-

```
PS C:\python programs\mean stack> nodemon week6c.js[nodemon]
2.0.22
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting `node week6c.js` Server
started... Running on localhost:5000
```

OUTPUT:



Exp No : 6.e

Course Name: Node.js

Module Name: File Operations

Create a text filesrc.txt and add the following data to it. Mongo, Express, Angular, Node. Aim:To create a text file src.txt and add the following data to it.
Progrm:-

```
// Node.js program to demonstrate the
// fs.copyFile() method
// Import the filesystem module
const fs = require('fs');
// Get the current filenames
// before the function
getCurrentFilenames();
console.log("\nFile Contents of source.txt:",
fs.readFileSync("source.txt", "utf8"));
// Copying the file to a the same name
fs.copyFile("source.txt", "target.txt", (err) => {if
(err) {
console.log("Error Found:", err);
}
else {
}
});
// Get the current filenames
// after the function
getCurrentFilenames();
console.log("\nFile Contents of copied_file:",
fs.readFileSync("target.txt", "utf8"));
// Function to get current filenames
// in directory
function getCurrentFilenames()
{ console.log("\nCurrent filenames:");
fs.readdirSync(
dirname).forEach(file =>
{console.log(file);
});
}
```

Output:-

```
PS C:\python programs\mean stack> node week6e.js
Current filenames:
colour.css
colour.html
CSE.html
download.jpg durga-
devi-png.png
exam1.html
exam2.html
exam3.html
exam4.html
first.html
FLS-Blog-Black-Logos_Hero.jpg
function.js
giri.jpg
giri.js
ice.jpg
images.jpg
lukcy.mp4
ma_platinum_200_iso_white.jpg
```

mo.jpeg
mystyle.css
node_modules
package-lock.json
package.json Rolex
Bgm.mp3
source.txt src.html
style.html
table.html
target.txt
title.html
Vaarasudu.mp4
week.js week.ts

Experiment No:-7

Typescript

Installation of typescript

If you have npm installed, you can install TypeScript globally (-g) on your computer by:npm install -g typescript

You can test your install by checking the version or help.tsc – version

7.a Course Name: Typescript Module

Name: Basics of TypeScript

On the page, display the price of the mobile-based in three different colors.

Instead of using the number in our code, represent them by stringvalues like GoldPlatinum, PinkGold, SilverTitanium

Program:-

Typescript:-

```
const obj:{GoldPlatinum: string}={GoldPlatinum:"$10000"}
const ob1:{PinkGold: string,}={PinkGold:"$900"}
const ob2:{SilverTitanium:string}={SilverTitanium:"$1500"}
console.log("\nMobilecolor
Price\n")
console.log("\nGoldPlatinum:\t"+obj.GoldPlatinum+"\n")
console.log("PinkGold:\t"+ob1.PinkGold+"\n")
console.log("SilverTitanium:\t"+ob2.SilverTitanium+"\n")
```

Output:-

```
D:>cd mst
D:\mst>cd ts
C:\python programs\mean stack>tsc week9a.ts
C:\python programs\mean stack>node week9a.js
Mobilecolor Price
GoldPlatinum: $10000
PinkGold:
$900
SilverTitanium: $1500
```

Exp No : 7.b

Define an arrow function inside the event handler to filterthe product array with the selected product object using the productId received by the function. Pass the selected productobject to the next screen.

Program:-

Type script:-

```
var getproductdetails=(productId :
number):string=>{return "product Id:"+productId
};
console.log(getproductdetails(1234));
```

Output:-

```
C:\python programs\mean stack>tsc week7b.ts
C:\python programs\mean stack>node week7b.js
product Id:1234
```

Exp No : 7.c

Course Name: Typescript Module Name: Parameter Types and Return TypesConsider that developer needs to declare a function - getMobileByVendor which accepts string as input parameter and returns the list of mobiles.

Program:-

```
function getMobileByManufacturer(manufacturer: string): string[]
{
let mobileList: string[];
if (manufacturer === 'Samsung')
```

```
{ mobileList = ['Samsung Galaxy S6 Edge', 'Samsung Galaxy Note 7',
'Samsung Galaxy J7 SM-J700F'];
return mobileList;
}
else if (manufacturer === 'Apple') {
mobileList = ['Apple iPhone 5s', 'Apple iPhone 6s ', 'Apple iPhone 7'];
return mobileList;
}
else {
mobileList = ['Nokia 105', 'Nokia 230 Dual Sim'];
return mobileList;
} }
console.log('The available Samsung mobile list: [' +
getMobileByManufacturer('Samsung')+']');
console.log('\nThe available Iphone mobile list: [' +
getMobileByManufacturer('Apple')+"]");
```

Output:-

```
C:\python programs\mean stack>tsc week7c.ts
C:\python programs\mean stack>node week7c.js
The available Samsung mobile list: [Samsung Galaxy S6 Edge,Samsung Galaxy Note
7,Samsung Galaxy J7 SM-J700F]
The available Iphone mobile list: [Apple iPhone 5s,Apple iPhone 6s ,Apple iPhone 7]
C:\python programs\mean stack>
```

Exp No : 7.d

Course Name: Typescript

Module Name: Arrow Function

Consider that developerneeds to declare a manufacturer's array holding4 objects with id and price as a parameter and needs to implement an arrow function - myfunction to populate the id parameter of manufacturers array whose price is greater than or equal to 150 dollarsthen below mentioned code snippet would fit into this requirement.

Program:-

```
var manufacturers = [{ id: 'Samsung', price: 150 },
{ id: 'Microsoft', price:200 },
{ id: 'Apple', price: 0 },
{ id: 'Micromax', price: 100 } ];
var test;
console.log('Details of Manufacturer array are: ');
function myFunction() {
test = manufacturers.filter((m) =>
m.price>= 150);
for (var item of test) { console.log(item.id);
}
} myFunction();
```

Output:-

```
C:\python programs\mean stack>tsc week7d.ts
C:\python programs\mean stack>node week7d.js
Details of Manufacturer array are:
Samsung
Microsoft
C:\python programs\mean stack>
```

Exp 7e) Course Name: Typescript

Module Name: Optional and Default Parameters

Declare a function - getMobileByManufacturer with two parameters namely manufacturer and id, where manufacturer value should passed as Samsungand id

parameter should be optional while invoking the
function, if id is passed as 101 then this function should return Moto mobile list
and if manufacturer parameter is either Samsung/Apple then this function
should return respective mobile list and similar to make Samsung as default
Manufacturer. Below mentioned code-snippet wouldfit into this requirement.
Program:-

```
function getMobileByManufacturer(manufacturer: string = 'Samsung', id?: number):
string[]{ let mobileList: string[];
if (id) { if (id === 101) {
mobileList = ['Moto G Play, 4th Gen', 'Moto Z Play with Style Mod'];
return mobileList;
}}
if (manufacturer === 'Samsung') {
mobileList = [' Samsung Galaxy S6 Edge', ' Samsung Galaxy Note 7','
Samsung Galaxy J7 SM-J700F'];
return mobileList;
}
else if (manufacturer === 'Apple') {
mobileList = [' Apple iPhone 5s', ' Apple iPhone 6s', ' Apple iPhone 7'];
return mobileList;
}
else {
mobileList = [' Nokia 105', ' Nokia 230 Dual Sim'];
return mobileList;}}
console.log('The available mobile list : ' + getMobileByManufacturer('Apple'));
console.log('The available mobile list : ' + getMobileByManufacturer(undefined, 101))
```

Output:-

```
C:\python programs\mean stack>tsc week7e.ts
C:\python programs\mean stack>node week7e.js
The available mobile list : Apple iPhone 5s, Apple iPhone 6s, Apple iPhone 7The
available mobile list : Moto G Play, 4th Gen,Moto Z Play with Style Mod
C:\python programs\mean stack>
```

ADDITIONAL EXERCISES

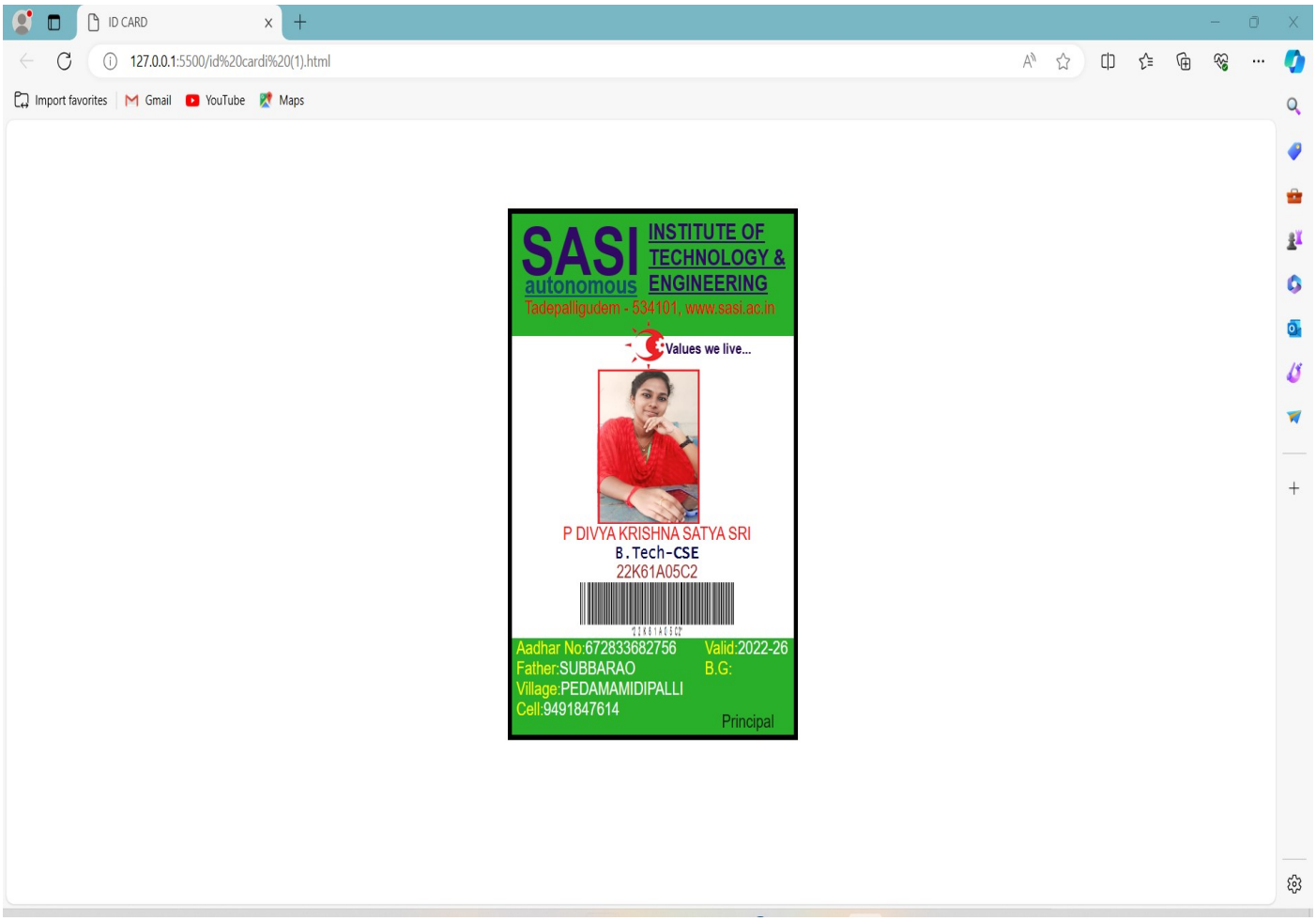
Creating I'D card using table elements.

Program:

```
    <html>
<head>
    <title>ID CARD</title>
    <link href="style.css" rel="stylesheet">
    <meta charset="UTF-8">
</head>
<body>
    <div class="total">
      <div class="upper">
         <h1>SASI</h1>
         <h3><u>INSTITUTE OF</u>
         <br><u>TECHNOLOGY &</u>
         <br><u>ENGINEERING</u></h3>
         <h4><u>autonomous</u></h4>
         <p class="line">Tadepalligudem - 534101, www.sasi.ac.in</p>
      </div>
      <div class="content">
         <img  id="left" src="logo.jpg.png" width="50px" height="50px">
         <h5>Values we live...</h5>
```

```
            <img id="top" src="pic.jpg" width="120px" height="140px" style="background-origin: padding-
box; ">
            <p>P DIVYA KRISHNA SATYA SRI
            <br><span style="color:#02024d;font-family: lucida console;">B.Tech-<b>CSE</b></span>
            <br><span style="color:brown;">22K61A05C2</span>
            </p>
            <img  id="right" src="https://barcode.tec-
it.com/barcode.ashx?data=*2   2   K   6   1   A   0   5   C
2*&code=Code128&multiplebarcodes=true&translate-esc=on&imagetype=Png" alt="Bar Code" width="180px"
height="50px">
         </div>
            <div class="container">
                <div  id="heading">
                <div class="one">Aadhar No:<span style="color:white;">672833682756</span></div>
                <div class="three">Father:<span style="color:white;">SUBBARAO</span></div>
                <div class="five">Village:<span style="color:white;">PEDAMAMIDIPALLI</span></div>
                <div class="seven">Cell:<span style="color:white;">9491847614</span></div>
                </div>
                <div id="values">
                <div class="nine">Valid:<span style="color:white;">2022-26</span></div>
                <div class="last">B.G:</div>
                <div class="sign">Principal</div>
                </div>
            </div>
        </div>
    </body>
</html>
```

Output:



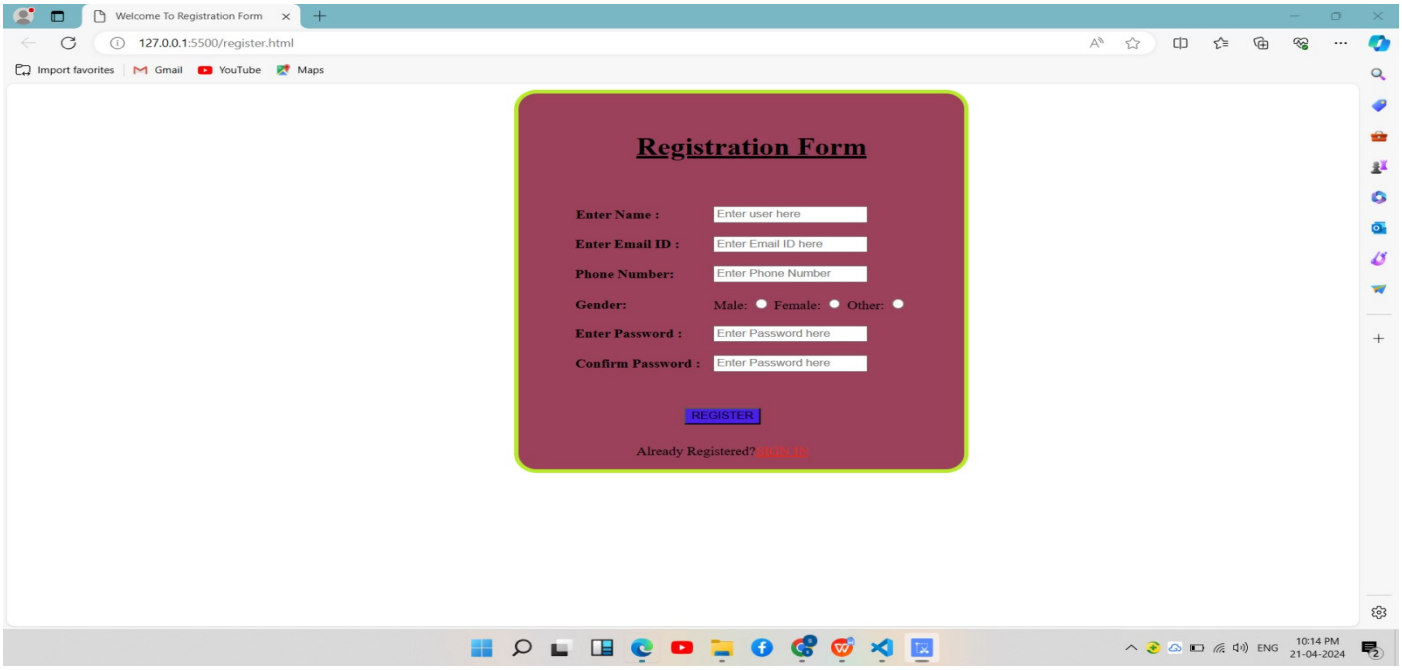
REGISTRATION FORMS.

Creating REGISTRATION FILES.

Program1: REGISTRATION FORM

```
<!DOCTYPE html>
<html>
  <head>
  <title>Welcome To Registration Form</title>
  <link href="style (1).css" rel="stylesheet">
  <script src="register.js"></script>
  </head>
  <body>
    <div id="main" class="container" style="box-sizing: border-box;border: 5px solid rgb(183, 235,
42);border-radius: 5%;width:500px; height: 500px;margin-left: 550px;background-color: #9b415c;">
    <div class="content">
    <h1 style="padding-left: 130px;margin-top:50px;"><u>Registration Form</u></h1>
    </div>
    <div class="login" style="margin-top: 50px;">
    <table cellspacing="2" align="center" cellpadding="8" border="0">
    <tr>
    <td align="right" style="padding-right: 50px;"><b>Enter Name :</b></td>
    <td style="padding-left:8px"><input type="text" placeholder="Enter user here" id="name" class="tb"
name="name"/></td>
    </tr>
    <tr>
    <td align="right" style="padding-right: 28px;"><b>Enter Email ID :</b></td>
    <td><input type="text" placeholder="Enter Email ID here" id="email" class="tb" name="email"/></td>
    </tr>
    <tr>
        <td><label for="phoneNumber"><b>Phone Number:</b></label></td>
        <td><input type="number" placeholder="Enter Phone Number" id="t3"></td>
    </tr>
    <tr>
    <tr>
        <td><label for="gender"><b>Gender:</b></label></td>
        <td>
              Male: <input type="radio" name="gender" value="male">
              Female: <input type="radio" name="gender" value="female">
              Other: <input type="radio" name="gender" value="other">
        </td>
    </tr>
    <td align="right" style="padding-right: 25px;"><b>Enter Password :</b></td>
    <td><input type="password" placeholder="Enter Password here" id="pwd" class="tb" name="pwd"/></td>
    </tr>
    <tr>
    <td align="right" style="padding-right: 5px;"><b>Confirm Password :</b></td>
    <td><input type="password" placeholder="Enter Password here" id="t5" class="tb" /></td>
    </tr>
    <tr>
    <td></td>
    <td>
    <input type="submit" value="REGISTER" class="btn" onclick="registration()" style="margin-top:
30px;margin-left: -15%;background-color: rgba(72, 30, 241, 0.951);"/></td>
    </tr>
    </table>
    <p style="padding-left: 130px;">Already Registered?<a href="login.html" style="color: rgba(245, 38,
15, 0.878)">SIGN IN</a></p>
    </div>
    </div>
    </body>
</html>
```

OUTPUT:

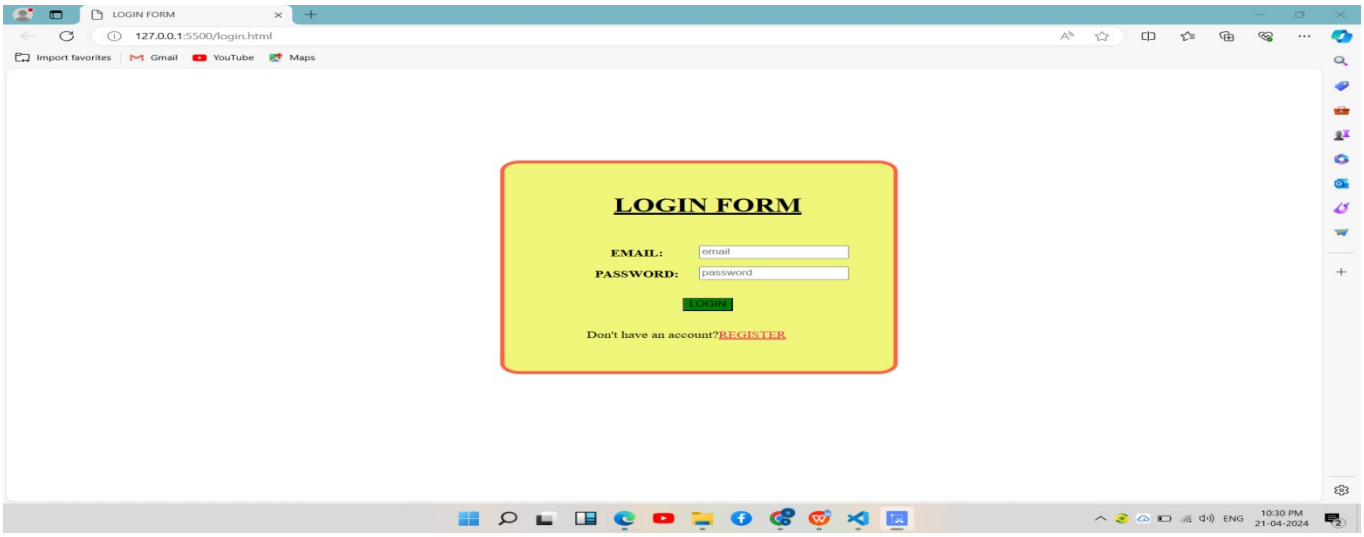


Program2: LOGIN FORM

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>LOGIN FORM</title>
        <link href="id cardi.html" rel="stylesheet">
    </head>
    <body style>
        <div class="total" style="text-align: center;padding-right: 300px;">
            <h1 style="padding-left: 150px;">LOGIN FORM</h1>
            <form name="f1" action="id cardi.html">
            <p>USERNAME:</p>
           <p style="position: absolute; padding-left: 660px; margin-top: -2.5%;"><input type="text"
placeholder="username" name="username" value=""></p>
            <p>PASSWORD:</p>
            <p style="position: absolute; padding-left: 660px; margin-top: -2.5%;"><input type="password"
placeholder="password" name="password"></p>
            <p style="padding-left: 150px;"><button type="submit" onclick="return
validate()">SUBMIT</button></p>
            </form>
            </div>
            <script type="text/javascript">
                function validate()
                {   var user="22K61A05C2";
                    document.f1.username.value=user;
                    var firstpassword=document.f1.username.value;
                    var secondpassword=document.f1.password.value;

                    if(firstpassword==secondpassword){
                      return true;
                    }
                    else{
                      alert("INVALID CREDENTIALS!");
                      return false;
                    }
                }
                </script>
    </body>
</html>
```

OUTPUT:

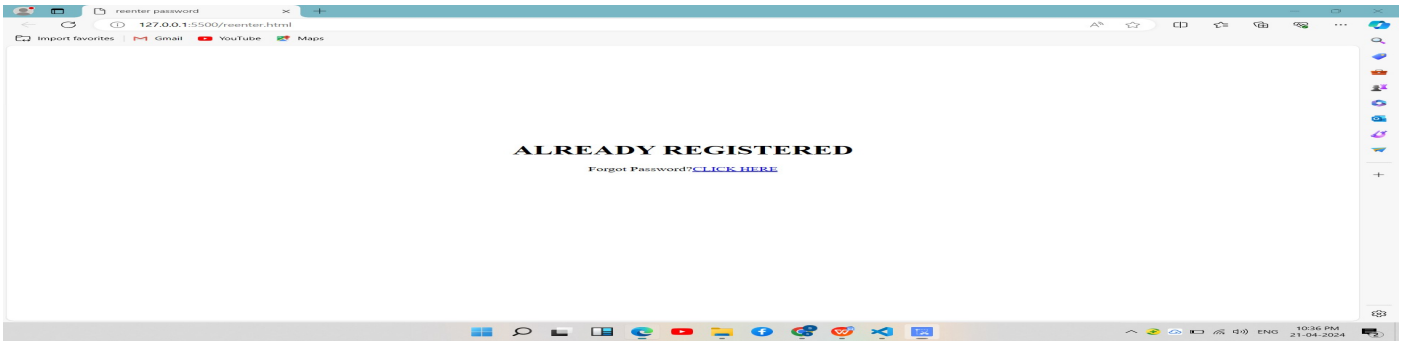


Program3: REENTER PASSWORD

```
<!DOCTYPE html>
```

```
<html>
    <head>
        <title>reenter password</title>
    </head>
    <body style="text-align: center;margin-top: 250px;">
        <h1>ALREADY REGISTERED</h1>
        <p>Forgot Password?<a href="relogin.html">CLICK HERE</a></p>
    </body>
</html>
```

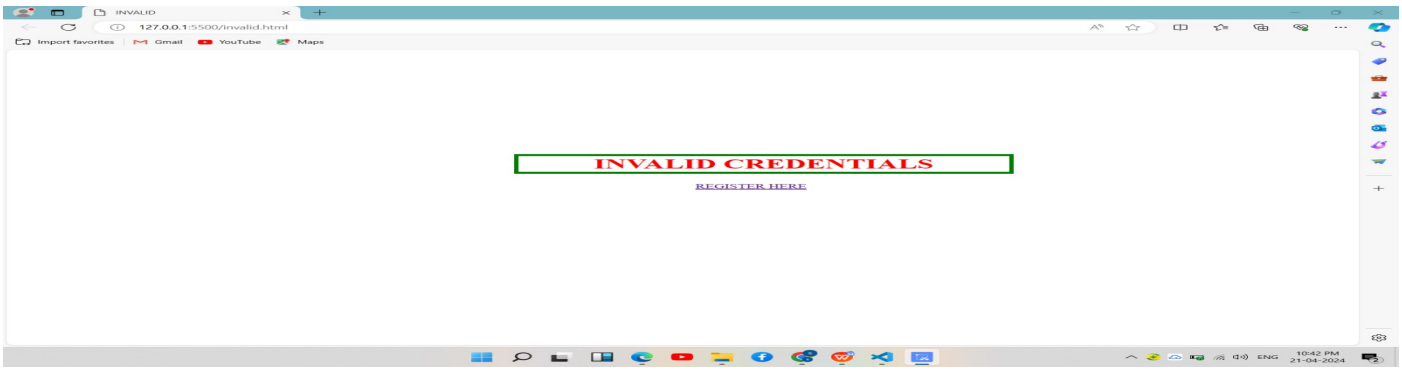
OUTPUT:



Program4:INVALID FORM

```
<!DOCTYPE html>
<html>
    <head>
    <title>INVALID</title>
    </head>
    <body style="text-align: center;margin-top: 250px;">
        <h1 style="color: red;box-sizing: border-box; border: 5px solid green;width:550px;margin-left:
550px;">INVALID CREDENTIALS</h1>
        <p style="color:blue;padding-left:150px;"><a href="register.html">REGISTER HERE</a></p>
    </body>
</html>
```

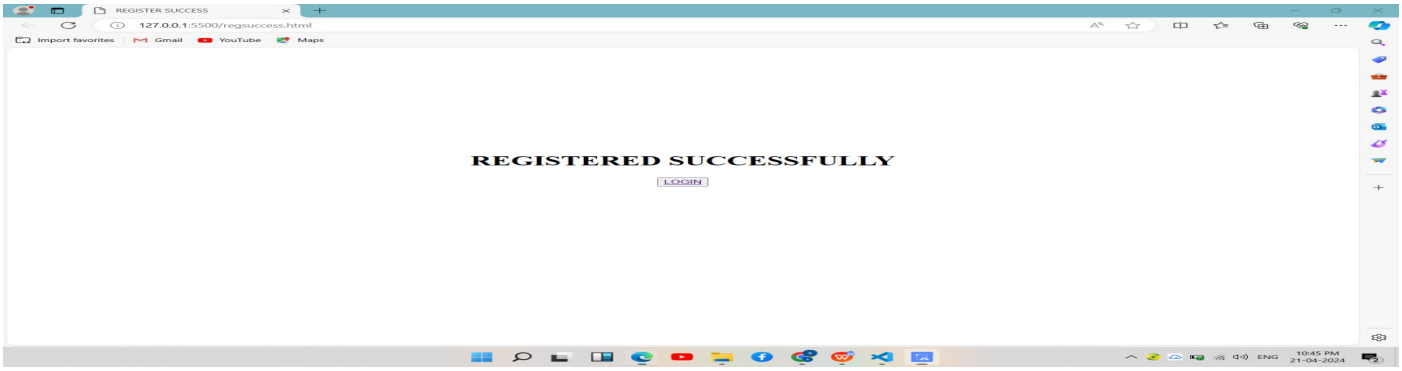
OUTPUT:



Program5:REGISTRATION SUCCESSFUL FORM

```
<!DOCTYPE html>
<html>
    <head>
        <title>REGISTER SUCCESS</title>
    </head>
    <body style="text-align: center;margin-top: 250px;">
        <h1>REGISTERED SUCCESSFULLY</h1>
        <button type="submit"><a href="login.html">LOGIN</a></button>
    </body>
</html>
```

OUTPUT:

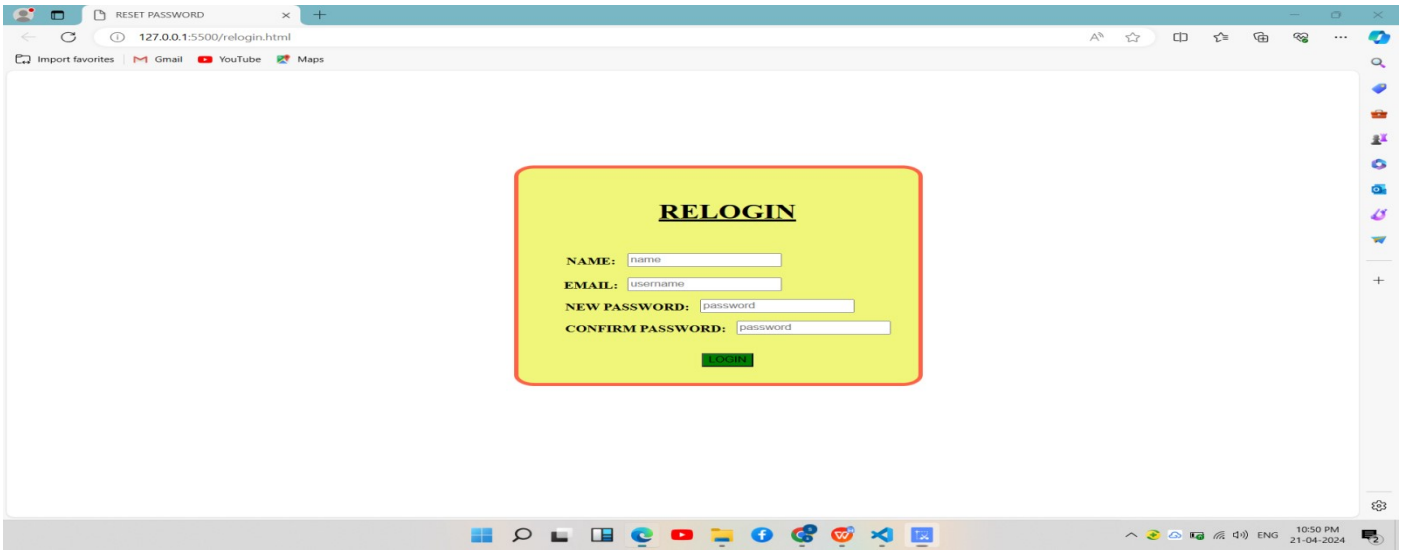


Program6:RELOGIN FORM

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>RESET PASSWORD</title>
        </head>
        <body>
            <div class="total" style="text-align: center;box-sizing: border-box;border: 5px solid
tomato;border-radius: 5%; width:450px; height: 350px;margin-left: 550px;margin-top: 150px;background-
color: rgba(228, 239, 17, 0.562);">
                <h1 style="padding-left: 20px;margin-top: 50px;"><u>RESET PASSWORD</u></h1>
                <p style="padding-right: 280px; margin-top: 50px;"><b>NAME:</b></p>
                <p style="position: absolute; padding-left: 120px; margin-top: -2.5%;"><input type="text"
placeholder="name" name="name" id="name"></p>
                <p style="padding-right: 280px; margin-top: 20px;"><b>EMAIL:</b></p>
                <p style="position: absolute; padding-left: 120px; margin-top: -2.5%;"><input type="text"
placeholder="username" name="username" id="email"></p>
                <p style="padding-right: 200px;"><b>NEW PASSWORD:</b></p>
                <p style="position: absolute; padding-left: 200px; margin-top: -2.5%;"><input
type="password" placeholder="password" name="password" id="pwd"></p>
                <p style="padding-right: 160px;"><b>CONFIRM PASSWORD:</b></p>
                <p style="position: absolute; padding-left: 240px; margin-top: -2.5%;"><input
type="password" placeholder="password" name="password" id="cpwd"></p>
                <p style="padding-left: 20px; margin-top: 30px;"><input type="submit"
onclick="validate()"  style="background-color: green;" value="LOGIN"></p>
            </div>
```

```
            <script>
                function validate(){
                  localStorage.clear();
                    let email,pwd,cpwd,name;
                    name=document.getElementById("name").value;
                    email= document.getElementById("email").value;
                    pwd= document.getElementById("pwd").value;
                    cpwd= document.getElementById("cpwd").value;
                    pwd_expression = /^(?=.*?[A-Z])(?=.*?[a-z])(?=.*?[0-9])(?=.*?[#?!@$%^&*-])/;
                    filter = /^([a-zA-Z0-9_\.\-])+\@(([a-zA-Z0-9\-])+\.)+([a-zA-Z0-9]{2,4})+$/;
                    letters = /^[A-Za-z]+$/;
                    if(name=='')
                    {
                       alert('Please enter your name');
                    }
                    else if(!letters.test(name))
                    {
                       alert('Name field required only alphabet characters');
                    }
                    else  if(pwd=='')
                    {
                       alert('Please enter Password');
                    }
                    else if(cpwd=='')
                    {
                       alert('Enter Confirm Password');
                    }
                    else if(!pwd_expression.test(pwd))
                    {
                       alert ('Upper case, Lower case, Special character and Numeric letter are required
in Password filed');
                    }
                    else if(pwd != cpwd)
                    {
                       alert ('Password not Matched');
                    }
                    else if(document.getElementById("cpwd").value.length < 6)
                    {
                       alert ('Password minimum length is 6');
                    }
                    else if(document.getElementById("cpwd").value.length > 12)
                    {
                       alert ('Password max length is 12');
                    }
                    else if(email=='')
                    {
                       alert('Please enter your user email id');
                    }
                    else if (!filter.test(email))
                    {
                       alert('Invalid email');
                    }
                    else
                    {
                        localStorage.clear();
                        let user=new Array();
                        user=JSON.parse(localStorage.getItem("ud"))?JSON.parse(localStorage.getItem("ud"))
:[]
                        user.push({
                           "name":name,
                           "email":email,
                           "pwd":pwd
                         })
                         localStorage.setItem("ud",JSON.stringify(user));
                        alert('Thank You for Reentering Password');
                        window.location.href = "regsuccess.html";
                    }
                   }
             </script>
            </body>
            </html>
```

OUTPUT:

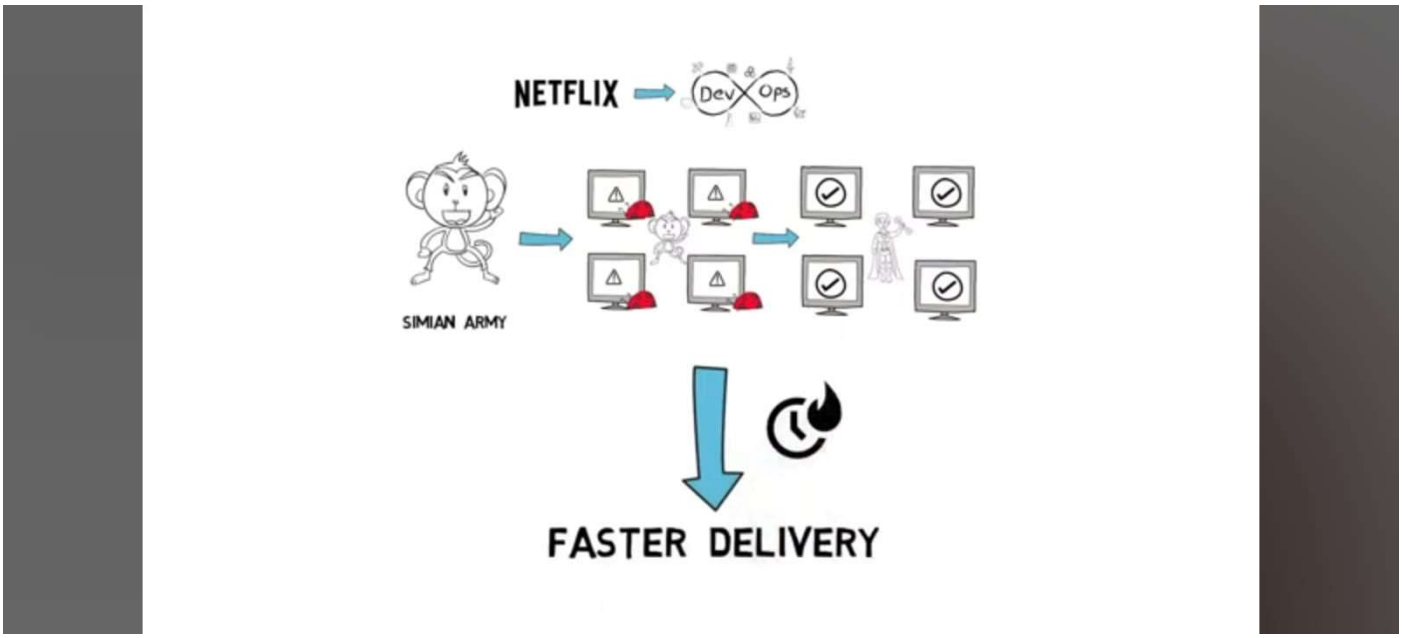


Program7:DASHBOARD

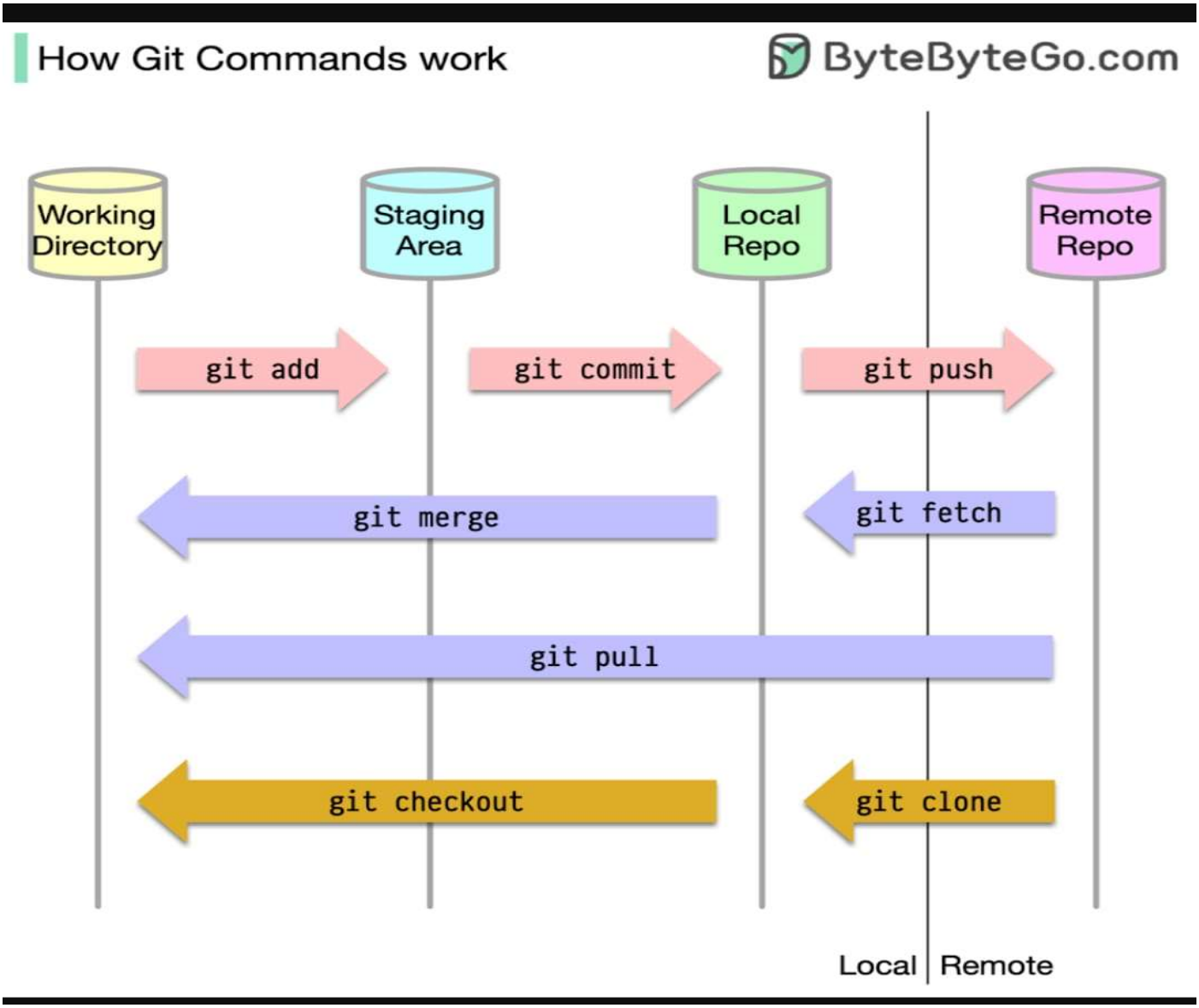
```
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>DASH BOARD</title>
    </head>
    <body>
        <div class="contain" style="box-sizing: border-box;border: 5px solid blue;background-color:
tomato; width: 500px; height: 500px; border-radius: 5%;margin-left: 550px;margin-top: 100px;">
        <h1 style="padding-left: 130px;padding-top: 30px;">DASH BOARD</h1>
        <h3 style="padding-left: 50px;padding-top: 20px;">Hii
            <script>
                n=document.write(localStorage.getItem("name"));
                n.style.color="tomato";
            </script>,
            <br>Welcome To Our Website.</h1>
            <p style="padding-left: 50px;"><b>You can now use features of our website</b></p>
            </h3>
        </div>
    </body>
</html>
```

OUTPUT:

DEVOPS:


NETFLIX
Dev
Ops
SIMIAN ARMY
FASTER DELIVERY

GIT:


How Git Commands work
ByteByteGo.com
Working Directory
Staging Area
Local Repo
Remote Repo
git add
git commit
git push
git merge
git fetch
git pull
git checkout
git clone
Local
Remote