Muthoot Institute of Technology and Science

# Varikoli P.O, Puthencruz, Ernakulam – 682308

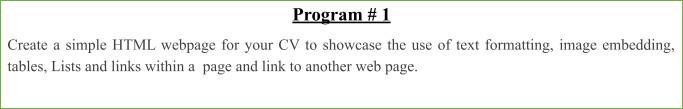


**Master of Computer Applications LAB RECORD**

***Course Name: 20MCA133 WEB PROGRAMMING LAB***



# Course Outcome 1



**PROGRAM CODE:**

<html>

<head>

<title>resume</title>

</head>

<body>

<center>

<h1><u>RESUME</u></h1></center>

<h2><b>SAHALA MOL V.S<b></h2>

<img src="sahala image.jpg"width="100px",height=100px>

<h4>MCA STUDENT</h4>

<h4>9656601358</h4>

<h4>sahalasaala2002@gmail.com</h4>

<hr>

<table border="1">

<center>

<tr>

<td align="center"colspan="2">

<td>CAREER OBJECTIVE</td>

<td>Seeking a position in the area of programming providing a highly motivated and professional environment that allows the pursuit of career advancement.</td>

</tr>

<br>

<tr>

<td align="center"colspan="2">

<td>WORK EXPERIENCE</td>

<td>Spectrum Softech Solutions,pvt.LTD.<br>June 2022-July 2022(Internship-1 month)</td>

</tr>

<br>

<tr>

<td align="center"colspan="2">

<td>EDUCATION</td>

<td><table border="1">

<tr>

<th>Institute</th>

<th>Course & Year</th>

<th>University</th>

<th>Percentage</th>

</tr>

<tr>

<td>Muthoot Institute of Technology and Science</td>

<td>Kmea college of arts and science,Edathala</td>

<td>GHSS Edathala</td>

<td>Holy Cross Convent School,Kangarappady</td>

</tr>

<tr>

<td>MCA:currently pursuing</td>

<td>BCA:2020-23</td>

<td>Plus 2:2020</td>

<td>10th-2018</td>

</tr>

<tr>

<td>KTU</td>

<td>MGU</td>

<td>STATE</td>

<td>CBSE</td>

</tr>

<tr>

<td>Not available</td>

<td>80%</td>

<td>79%</td>

<td>89%</td>

</tr>

</td>

</table>

</tr>

<tr>

<td align="center"colspan="2">

<td>TECHNICAL SKILLS</td>

<td><ul><u>WEB</u><ul>

<li>Python</li>

<li>C</li>

<li>C++</li>

<li>HTML</li>

<li>CSS</li>

<li>Javascript</li></ul>

<ul><u>RDBMS</u>

<li>MYSQL</li></ul>

<ul><u>OS</u>

<li>Windows</li>

<li>Linux</li></ul></td>

</tr>

<tr>

<td align="center"colspan="2">

<td>PROJECTS UNDERTAKEN</td>

<td><ul><u>Main Project</u><ul>

<li>Public Complaint System</li></ul>

<ul><u>Mini Project</u><ul>

<li>College Management System</li></ul></td>

</tr>

<tr>

<td align="center"colspan="2">

<td><ul>ACHIEVEMENTS<ul></td>

<td><li>Best student award</li>

<li>Top scorer award</li>

<li>Best project award</li>

</ul></td>

</tr>

<a href="personal.html">PERSONAL DETAILS<a>

</center>

</table>

</body>

</html>

**TO SET NEXT PAGE**

<html>

<head>

<title>about</title>

<body>

<h1><center><u>PERSONAL DETAILS</u></center></h1>

<table border="1">

<center>

<tr>

<td align="center"colspan="2">

<td>PERSONAL DETAILS</td>

<td>NAME:SAHALA.MOL.VS<br>DOB:01-02-2002<br>AGE:21<br>SEX:FEMALE<br>MARITAL STATUS:SINGLE<br>ADRESS:VELUTHEDATH(H),KANGARAPPADY<br>EMAIL:sahalasaala2002@gmail.com<br>FATHER:SHERFUDHEEN VM<br>MOTHER:NISHA<ul><u>Hobbies</u>

<li>Listening music</li>

<li>Travelling</li>

<li>Reading books</li>

<li>Singing</li>

</ul>

<br>

</td>

</tr>

<br>

<tr>

<td align="center"colspan="2">

<td>DECLARATION</td>

<td>I hereby solemnly declare that all the above furnished details are true to the best of my knowledge and assure my sincere and ardent work in your esteemed organization<br>Date:19-09-2023<br>Place:Kangarappady</td>

</tr>

</center>

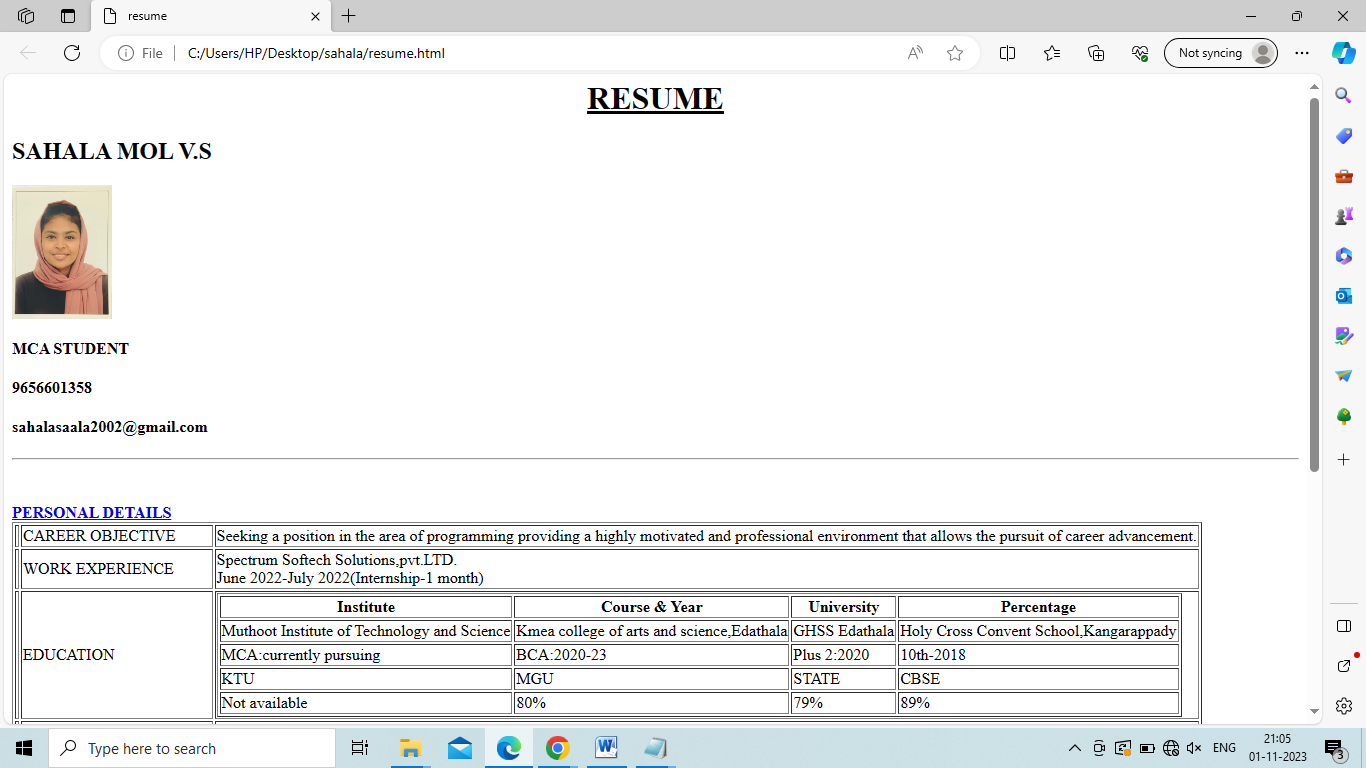
</table>

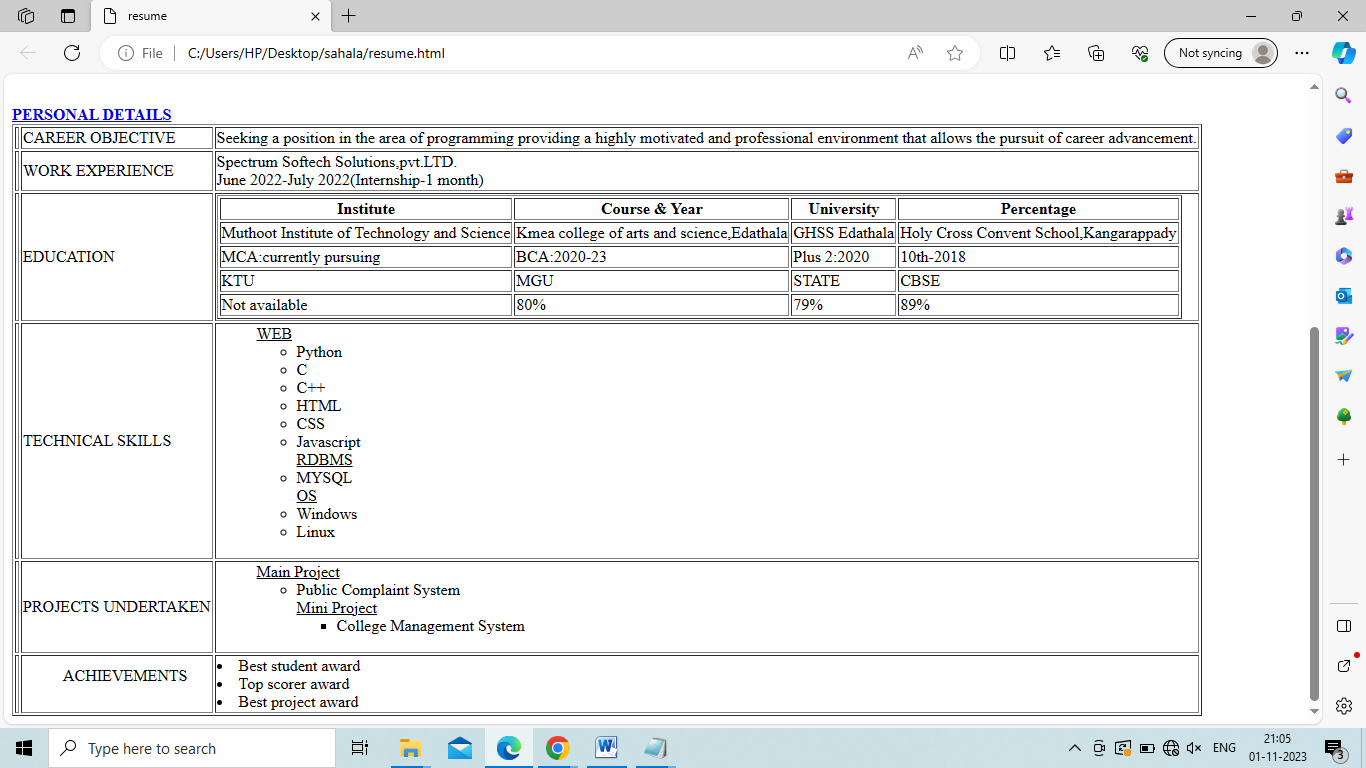
<a href="resume.html">back</a>

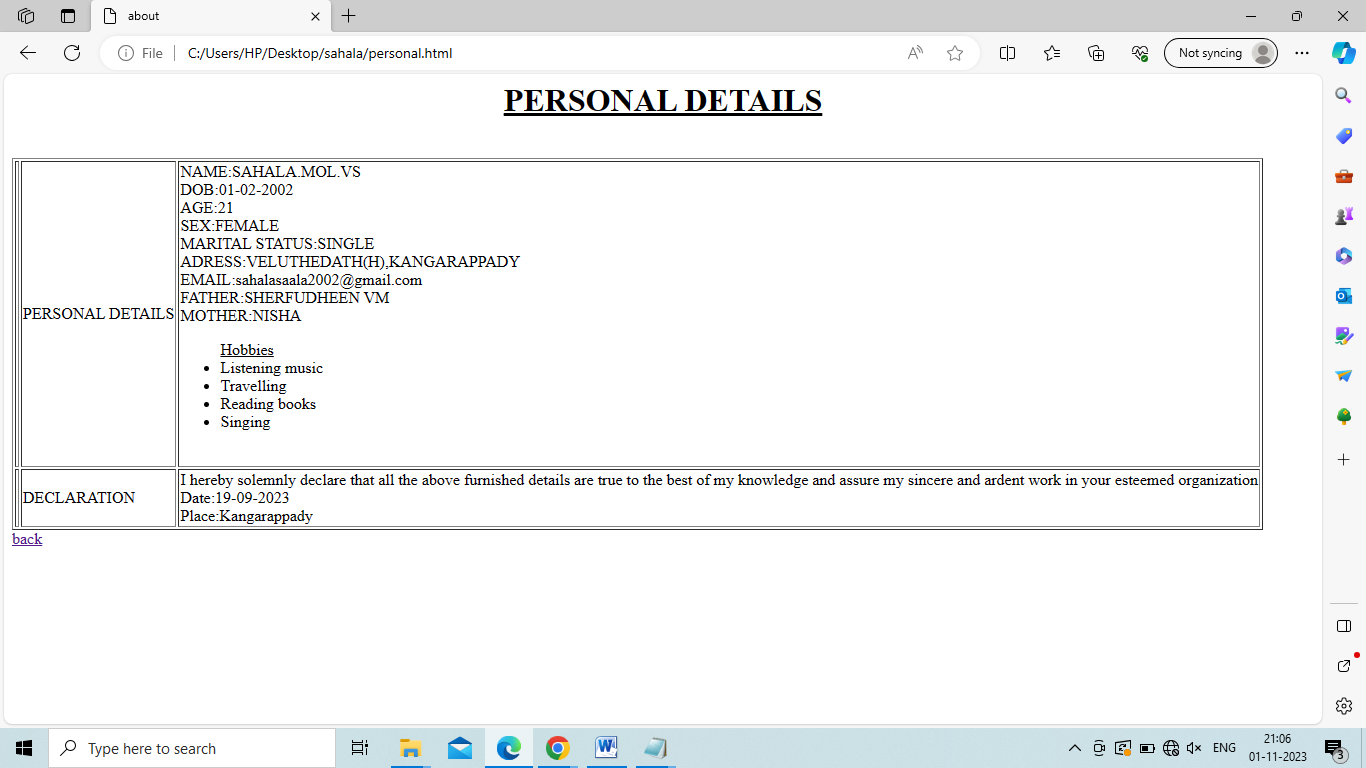
</body>

</html>

**OUTPUT:**









**PROGRAM CODE:**

**FRAME:**

<html>

<head>

<title>frameset</title>

</head>

<frameset cols="50%,50%",scrolling="no" noresize>

<frame src="form.html"></frame>

<frame src="mits.html"></frame>

</frameset>

<body>

</body>

</html>

**FORM:**

<html>

<head>

<title>

Registration Page

</title>

</head>

<body>

<br>

<h1 style="color: crimson;font-weight: bold;"><u><center>REGISTRATION FORM</center></u></h1>

<form>

<center>

First Name:

<input type="text" name="firstname"><br><br>

Last name:

<input type="text" name="lastname"><br><br>

Age:

<input type="number" name="Age"><br><br>

Date of Birth:

<input type="date" name=""><br><br>

Gender:

<input type="radio" name="male"/> Male

<input type="radio" name="female"/> Female

<input type="radio" name="other"/> Other

<br><br>

Phone :

<input type="text" name="country code" value="+91" size="2"/>

<input type="text" name="phone" size="10"/><br><br>

Address:

<br>

<textarea cols="80" rows="5" value="address">

</textarea><br><br>

Pin:

<input type="number" name="pin"><br><br>

District:

<input type="text" name="district">

State:

<input type="text" name="state"><br><br>

Course :

<select>

<option value="Course">Course</option>

<option value="BCA">BCA</option>

<option value="BBA">BBA</option>

<option value="B.Tech">B.Tech</option>

<option value="MBA">MBA</option>

<option value="MCA">MCA</option>

<option value="M.Tech">M.Tech</option>

</select><br><br>

Hobbies:

<input type="checkbox" name="singing"/> singing

<input type="checkbox" name="travelling"/> travelling

<input type="checkbox" name="cooking"/> cooking

<br><br>

Email:

<input type="email" id="email" name="email"/><br>

Password:

<input type="Password" id="pass" name="pass"><br>

Re-type password:

<input type="Password" id="repass" name="repass"><br><br>

<input type="button" value="Submit"/>

</center>

</form>

</body>

</html>

**COLLEGE:**

<html>

<head>

<title>college</title>

<link rel="stylesheet" type="text/css" href="html.css">

</head>

<body>

<div class="container">

<div class="header">

<div class="left">

<ul>

<li><a href="#login.html">Home</a></li>

<li><a href="./signup.html">academics</a></li>

<li><a href="./home.html">placements</a></li>

</ul>

</div>

<center>

<div class="center">

<h1 style="color:crimson;"><u><b>Muthoot Institute of Technology and Science<b></u></h1><hr>

<h2 style="color:crimson";></u><b>Department of Computer Applications<b></u></h2>

<h3 style="color:crimson";><u>ABOUT US</u></h3>

</div>

</center>

<p>Muthoot Institute of Technology and Science (MITS) is promoted by Muthoot M. George Institute of Technology, a Section 25 Company within the Muthoot Group. MITS is a self financing technical institution offering postgraduate and undergraduate engineering programmes, situated in the industrial suburb of Kochi, close to the Smart City and Info Park, approximately 15 kms from Vytilla Junction towards Muvattupuzha on the Cochin Madurai National Highway.

<br>

The promoters with their commanding presence in the domains of Financial Services, Hospitality, Healthcare, Renewable Energy and Information Technology, are committed to building MITS as a centre of excellence, focusing purely on merit. This “temple of learning” will provide to the students, state-of-the-art infrastructure, highly qualified and proficient teachers from various faculty of engineering and allied streams, embedded in a conducive environment where focus will be on their harmonious development.<br>

The Muthoot Group, with a reputation that has been shaped over decades with high quality practices, total customer satisfaction and steady growth, spanning 130 years in the field of business, is a legacy built on God-given values of trust, truth, transparency and tradition and has become one of the top business houses today by the grace of God.

<br>

Muthoot takes its name from its Family, which is a branch of a traditional Orthodox Christian family, based in Kozhencherry, a small town in the erstwhile primary state of Travancore (Kerala). In the year 1887, Muthoot Ninan Mathai (Patron Founder of the group), started in a humble way as a retail and whole-sale trader of grains at Kozhencherry. The family partition took place in the year 1979 which led to the Genesis of Muthoot George Group (MGG). Over the years business grew gradually into gold loans and chits during 1950’s and expanded into Financial Services, Information Technology, Media, Healthcare, Education, Power Generation, Infrastructure, Plantations, Precious metal, Tourism, and Hospitality..

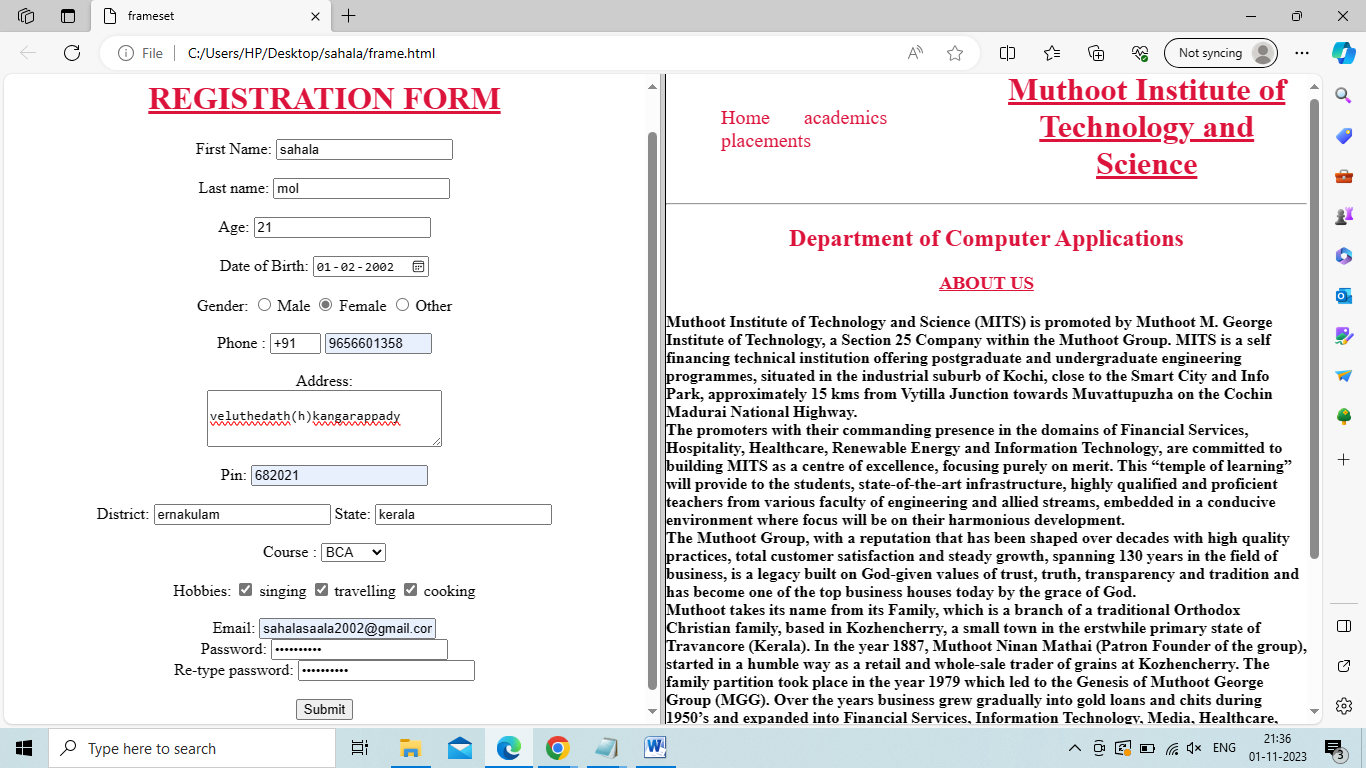
<br>

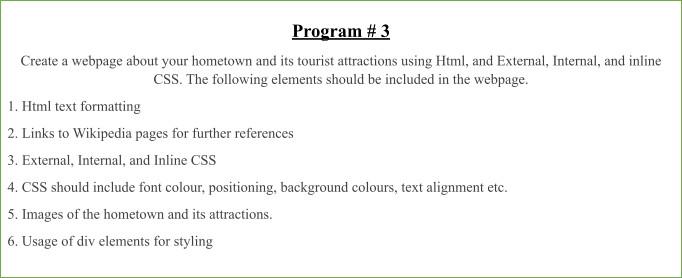
Muthoot Institute of Technology and Science (MITS) Puthencruz was established in May 2013. The Department of Computer Applications (CA) is the youngest in the MITS family. The department offers the postgraduate programme, Master of Computer Applications with an annual intake of 60 students. The department boasts a rich knowledge pool of faculty who are well-trained and efficient. Holistic Education is a unique course through which students are given training on personal, interpersonal and societal skills to instill desirable qualities as both an employee and global citizen. The overall growth of students, along with academia is our top priority. We provide excellent academic ambience in curricular, co-curricular and extracurricular initiatives, facilities and teaching-learning experiences.</p>

</body>

</html>

**OUTPUT:**

****



**PROGRAM CODE:**

<!DOCTYPE html>

<html>

<head>

<title>tourist place</title>

<link rel="stylesheet" type="text/css" href="tourist.css">

</head>

<body>

<div class="container">

<div class="header">

<div class="left">

<ul>

<li><a href="#login.html">History</a></li>

<li><a href="./signup.html">Contact</a></li>

<li><a href="./home.html">Directions</a></li>

</ul>

</div>

<div class="right">

<h1 style="color:black";>HOMETOWN TOURIST PLACE</h1>

</div>

</div>

<div class="main">

<h1 class="heading"> HILL PALACE MUSEUM,THRIPUNITHURA</h1>

<p class="para">

<img src="Thripunithura\_Hill\_Palace\_2.jpg">

<img src="Hill\_Palace\_Cochin.jpg">

<img src="Hill\_Palace.jpg">

<img src="Thripunithura\_Hill\_Palace.jpg">

<img src="Hill\_Palace\_Museum\_Tripunithura.jpg">

<img src="Hill\_Palace\_Museum\_Tripunithura\_DSC\_1234.jpg">

<img src="Fiberglass\_model\_of\_dinosaur,\_Hill\_Palace,\_Tripunithura\_(July\_2011).jpg">

<img src="Hill\_Palace\_Museum\_Tripunithura\_DSC\_1243\_03.jpg">

<hr>

<br><br>

Owner: Govt.of.Kerala<br><br>

Established:1865 <br><br>

contact: 04842781113 <br><br>

Type: Archeological museum, History museum <br><br><hr>

Hill Palace is an archaeological museum and palace located in the Tripunithura neighbourhood of Kochi, Kerala, India. It is the largest archeological museum in the state and was the imperial administrative office and official residence of the Cochin Maharaja. Built in 1865, the palace complex consists of 49 buildings spreading across 54 acres (220,000 m2) and built in the traditional architectural style. The complex has an archaeological museum, a heritage museum, a deer park, a pre-historic park and a children's park.[1] The campus section of the museum is home to several rare species of medicinal plants. Presently, the palace has been converted into a museum by The Kerala State Archaeology Department and is open to the public. The palace is about 10 kilometres (6.2 mi) from the city centre and is reachable by road and by rail.

The Centre for Heritage Studies (CHS), an autonomous research and training institute set up by the Department of Cultural Affairs, of the Government of Kerala also functions at the site. The CHS is designated as the 'Manuscript Conservation Centre' (MCC) and 'Manuscript Resource Centre' (MRC) by the National Mission for Manuscripts.[2]

</p>

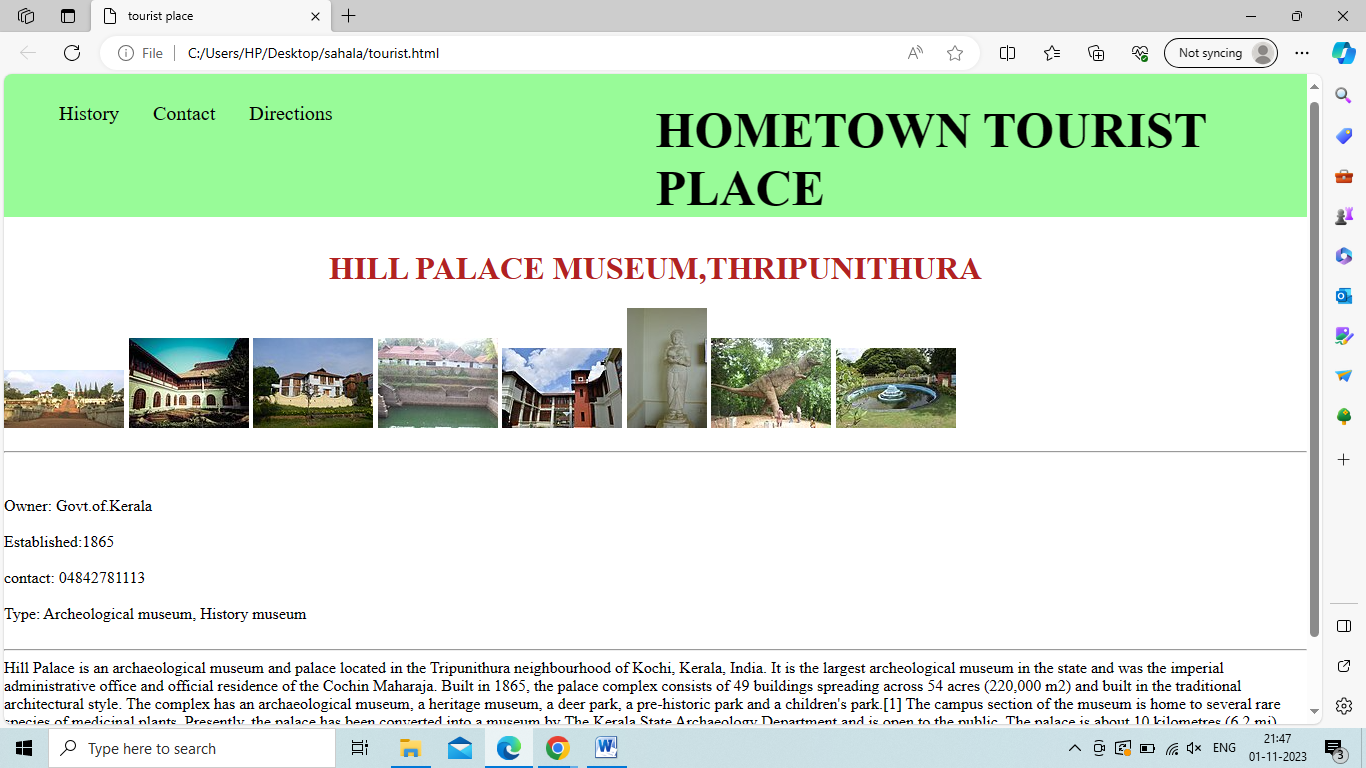
</div>

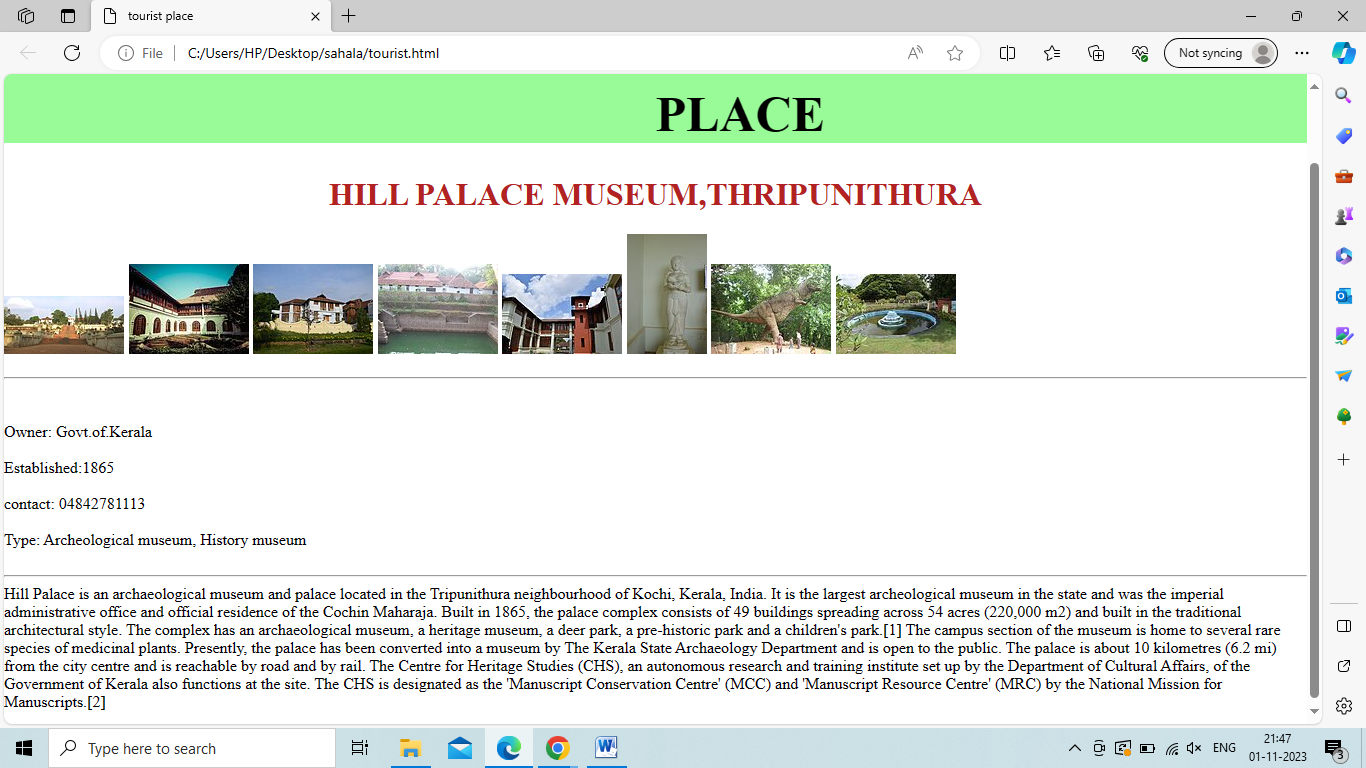
</div>

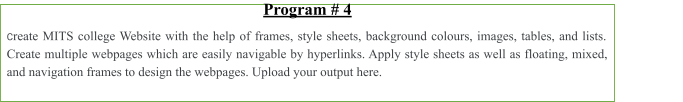
</body>

</html>

**OUTPUT:**







**PROGRAM CODE:**

<!DOCTYPE html>

<html>

<head>

<title>mits</title>

<style type="">

img{

height: 400px;

width:100%;

}

.footer{

width: 100%;

height: 100px;

background-color: #fff;

}

.foot{

font-family: Times New Roman;

font-size: 15px;

text-align: left;

font-weight: bold;

color: red;

}

</style>

<link rel="stylesheet" type="text/css" href="4.css">

</head>

<body>

<div class="container">

<div class="head">

<center><h1 style="color: crimson;font-family: Times New Roman;font-size: 25px;"><u>Muthoot Institute Of Technology And Science<u><br>Varikoli.P.O,Puthencruz</h1>

</center>

</div>

<div class="header">

<div class="left">

<ul>

<li><a href="mits\_college.html">Home</a></li>

<li><a href="about\_mits.html">About Us</a></li>

<li><a href="main.html">Management</a></li>

<li><a href="#">Courses & fees</a></li>

<li><a href="placement\_mits.html">Achievements</a></li>

<li><a href="#">Contact Us</a></li>

</ul>

</div>

</div>

<div class="main">

<img src="mitsimage.jpg">

</div>

<div class="footer">

<p class="foot">

COLLEGE CODE : MUT

Affiliated to APJ Abdul Kalam Technological University<br>

Approved by AICTE<br>

info@mgits.ac.in | 0484-2883300/0484-2732100/111<br>

Relentless passion for excellence...<br>

(Promoted by The Muthoot Group)

</p>

</div>

</div>

</body>

</html>

**CSS:**

.header{

background-color: crimson;

width: 100%;

height: 100px;

}

.head{

background-color: #fff;

width: 100%;

height: 100px;

}

body{

margin: 0;

}

.left{

width: 50%;

padding-top: 10PX;

float: left;

background-color: crimson;

width: 100%;

height: 100px;

}

.left ul

{

display: inline-flex;

list-style: none;

color: white;

}

.left ul li

{

width: 120px;

margin: 15px;

padding: 15px;

}

.left ul li a

{

text-decoration: none;

color: white;

}

.right{

width: 50%;

float: left;

font-family: inherit;

color: #FFF;

font-size: 25px;

font-weight: bold;

}

.main{

font-family: Times new roman;

}

.para{

text-align: left;

font-size: 18px;

}

.heading{

text-align: center;

color: #B22222;

}

**FRAME:**

<!DOCTYPE html>

<html>

<head>

<title>floating frame\_cntct</title>

</head>

<body><center>

<h1 style="color: red">About Us!!</h1><br>

<iframe width="560" height="315" src="about.html" frameborder="0"></iframe>

</center>

</body>

<!DOCTYPE html>

<html>

<head>

<title>floating frame</title>

</head>

<body>

<h1>Connect with us...</h1><hr>

<center><VIDEO width="400px" height="200px" controls loop autoplay muted>

<source src="songvideo.mp4" type=""><br>

</VIDEO>

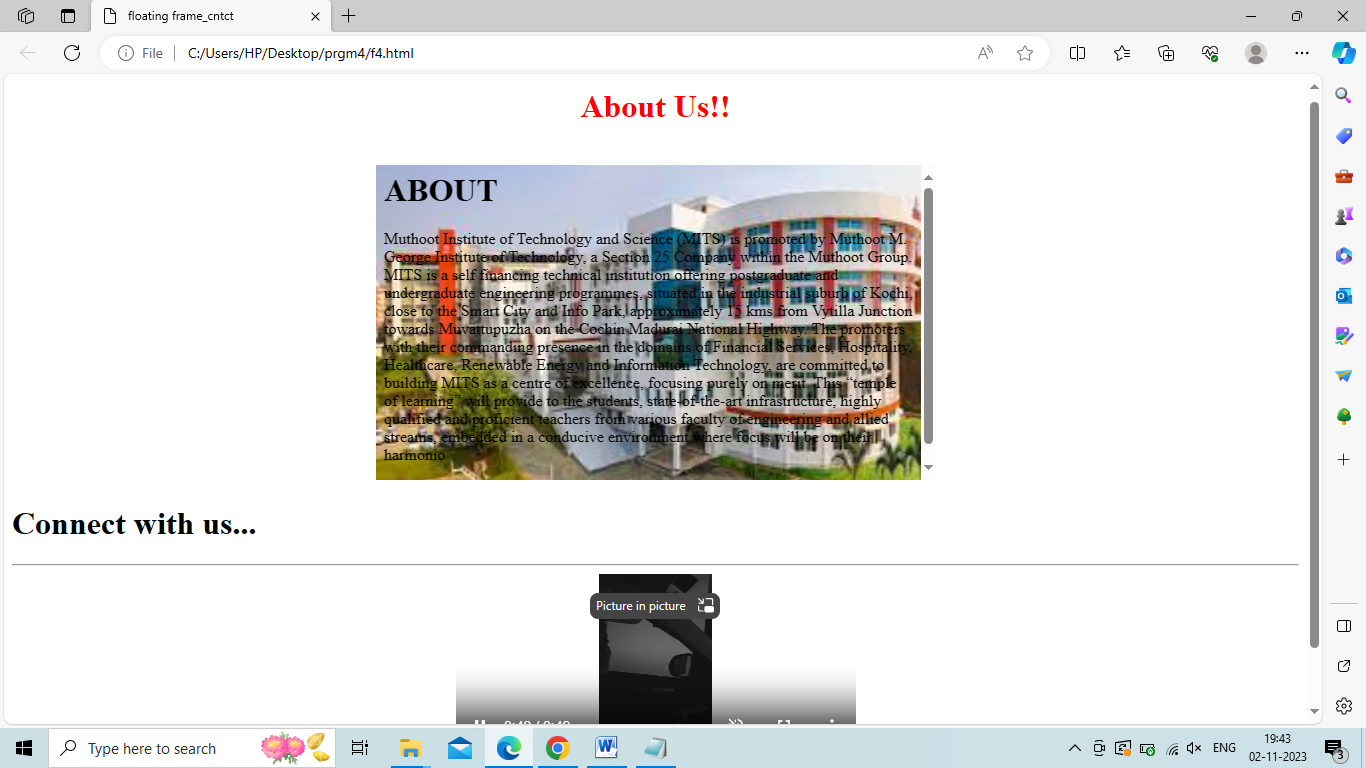
</center>

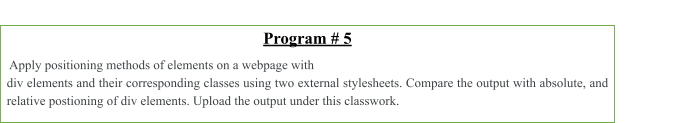
</body>

</html

**OUTPUT:**







**PROGRAM CODE:**

<html>

<head>

<title>absolute</title>

<link rel="stylesheet" type="text/css" href="5.css">

</head>

<body>

<div class="main">

<center><u style="color: grey;"><h1 style="color: grey;">Absolute Positioning in Html</h1></u></center>

<div class="col-1">

<h2>father</h2>

</div>

<div class="col-2">

<h2>daughter</h2>

</div>

<div class="col-3">

<h2>mother</h2>

</div>

</div>

</body>

</html>

**CSS:**

.col-1{

width: 400px;

height: 400px;

/\*border: 2px black solid;\*/

float: left;

text-align: center;

background-color: green;

}

.col-2{

width: 400px;

height: 400px;

/\*border: 2px black solid;\*/

float: left;

text-align: center;

position: absolute;

top: 200px;

left: 150px;

background-color: crimson;

}.col-3{

width: 400px;

height: 400px;

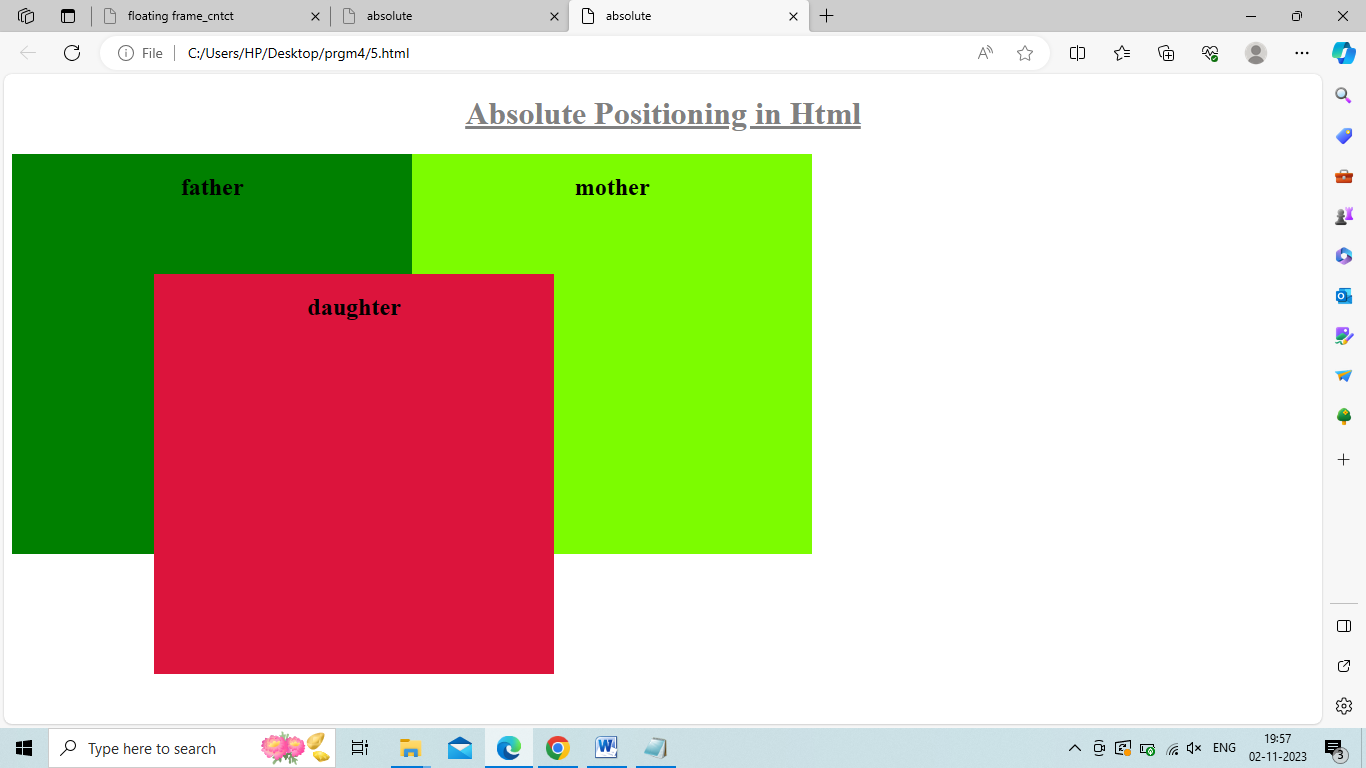
/\*border: 2px black solid;\*/

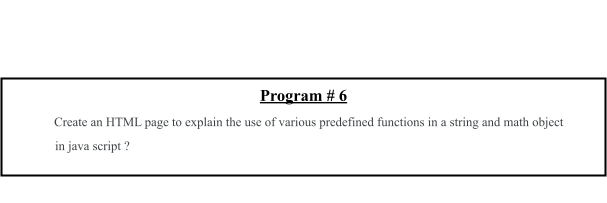
float: left;

text-align: center;

background-color: lawngreen;

**OUTPUT:**

****



# PROGRAM CODE:

**main.html**

 <html>

<head>

<frameset cols="30%,60%">

<frame SRC="math.html">

<frame SRC="strng.html">

</frameset>

</head>

</html>

# string,html

<html>

<head>

  </head>

<body>

    <div>

        <h2>String Functions</h2>

        <table>

            <tbody>

                <tr>

                    <th>Enter a text</th>

                    <td> <input type="text" id="input\_srting" name="input\_s"></td>

                </tr>

                <tr>

                    <th>Search a text</th>

                    <td> <input type="text" id="input\_search" name="input\_search"></td>

                </tr>

                <tr>

                    <th>Slice start</th>

                    <td><input type="text" id="slice\_s" name="slice\_s"></td>

                </tr>

                <tr>

                    <th>Slice end</th>

                    <td><input type="text" id="slice\_e" name="slice\_e"></td>

                </tr>

                <tr>

                    <th>Replace the word</th>

                    <td><input type="text" id="replace\_f"></td>

                </tr>

                <tr>

                    <th>Replace with</th>

                    <td><input type="text" id="replace\_s"></td>

                </tr>

            </tbody>

        </table>

        <input type="button" value="Generate" class="selector" onclick="string\_func()">

        <br><br>

        <ul id="output"> </ul>

    </div>

 <script>

        function string\_func() {

            let input = document.getElementById('input\_srting').value;

            let search = document.getElementById('input\_search').value;

            let slice\_s = document.getElementById('slice\_s').value;

            let slice\_e = document.getElementById('slice\_e').value;

            let replace\_f = document.getElementById('replace\_f').value;

            let replace\_s = document.getElementById('replace\_s').value;

            let li\_O = '<li>';

            let li\_C = '</li>';

            let list\_items;

            list\_items = li\_O + 'Length of string is  : ' + input.length + li\_C;

            list\_items += li\_O + 'First index of ' + search + ' is: ' + input.indexOf(search) + li\_C;

            list\_items += li\_O + 'Last index of ' + search + ' is: ' + input.lastIndexOf(search) + li\_C;

            list\_items += li\_O + 'Index with search starting position 5 of ' + search + ' is: ' + input.indexOf(search, 5) + li\_C;

            list\_items += li\_O + 'Search ' + search + ' is:' + input.search(search) + li\_C;

            list\_items += li\_O + 'Slice[' + slice\_s + ' : ] is: ' + input.slice(slice\_s) + li\_C;

            list\_items += li\_O + 'Slice[' + slice\_s + ' : ' + slice\_e + '] is: ' + input.slice(slice\_s, slice\_e) + li\_C;

            list\_items += li\_O + 'Substring[' + slice\_s + ' : ' + slice\_e + ']  is: ' + input.substring(slice\_s, slice\_e) + li\_C;

            list\_items += li\_O + 'Substr[' + slice\_s + ' :] is: ' + input.substr(slice\_s) + li\_C;

            list\_items += li\_O + 'Substr[' + slice\_s + ' :] with length ' + slice\_e + ' is: ' + input.substr(slice\_s, slice\_e) + li\_C;

            list\_items += li\_O + 'replace ' + replace\_f + ' with ' + replace\_s + ' is: ' + input.replace(replace\_f, replace\_s) + li\_C;

            list\_items += li\_O + 'Uppercase  :  ' + input.toUpperCase() + li\_C;

            list\_items += li\_O + 'lowercase  :  ' + input.toLowerCase() + li\_C;

            document.getElementById('output').innerHTML = (list\_items);

        }

</script>

</body>

</html>

**math.html**

 <html>

  <head>

  </head>

  <body>

     <div>

        <h2>Math Functions</h2>

        <table>

            <tbody>

                <tr>

                    <th>Enter Numbers (comma-separated)</th>

                    <td> <input type="text" id="input\_numbers"></td>

                </tr>

                <tr>

                    <th>Power term</th>

                    <td> <input type="text" id="input\_pow"></td>

                </tr>

            </tbody>

        </table>

        <input type="button" value="Generate" class="selector" onclick="math\_func()">

        <br><br>

        <ul id="output\_math"> </ul>

    </div>

    <script>

        function math\_func() {

            let inputNumbers = document.getElementById('input\_numbers').value.split(',').map(Number);

            let power = document.getElementById('input\_pow').value;

            let li\_O = '<li>';

            let li\_C = '</li>';

            let list\_items;

            list\_items = li\_O + 'Value of PI  : ' + Math.PI + li\_C;

            list\_items += li\_O + 'Minimum of the list is : ' + Math.min(...inputNumbers) + li\_C;

            list\_items += li\_O + 'Maximum of the list is : ' + Math.max(...inputNumbers) + li\_C;

            list\_items += li\_O + 'Round of the first number is : ' + Math.round(inputNumbers[0]) + li\_C;

            list\_items += li\_O + 'Power of the first number is : ' + Math.pow(inputNumbers[0], power) + li\_C;

            list\_items += li\_O + 'Square root of the first number is : ' + Math.sqrt(inputNumbers[0]) + li\_C;

            list\_items += li\_O + 'Absolute value of the first number is : ' + Math.abs(inputNumbers[0]) + li\_C;

            list\_items += li\_O + 'Ceil value of the first number is : ' + Math.ceil(inputNumbers[0]) + li\_C;

            list\_items += li\_O + 'Floor value of the first number is : ' + Math.floor(inputNumbers[0]) + li\_C;

            list\_items += li\_O + 'Sin value of the first number is : ' + Math.sin(inputNumbers[0] \* Math.PI / 180) + li\_C;

            list\_items += li\_O + 'Cos value of the first number is : ' + Math.cos(inputNumbers[0] \* Math.PI / 180) + li\_C;

            list\_items += li\_O + 'A Random number is : ' + Math.random() + li\_C;

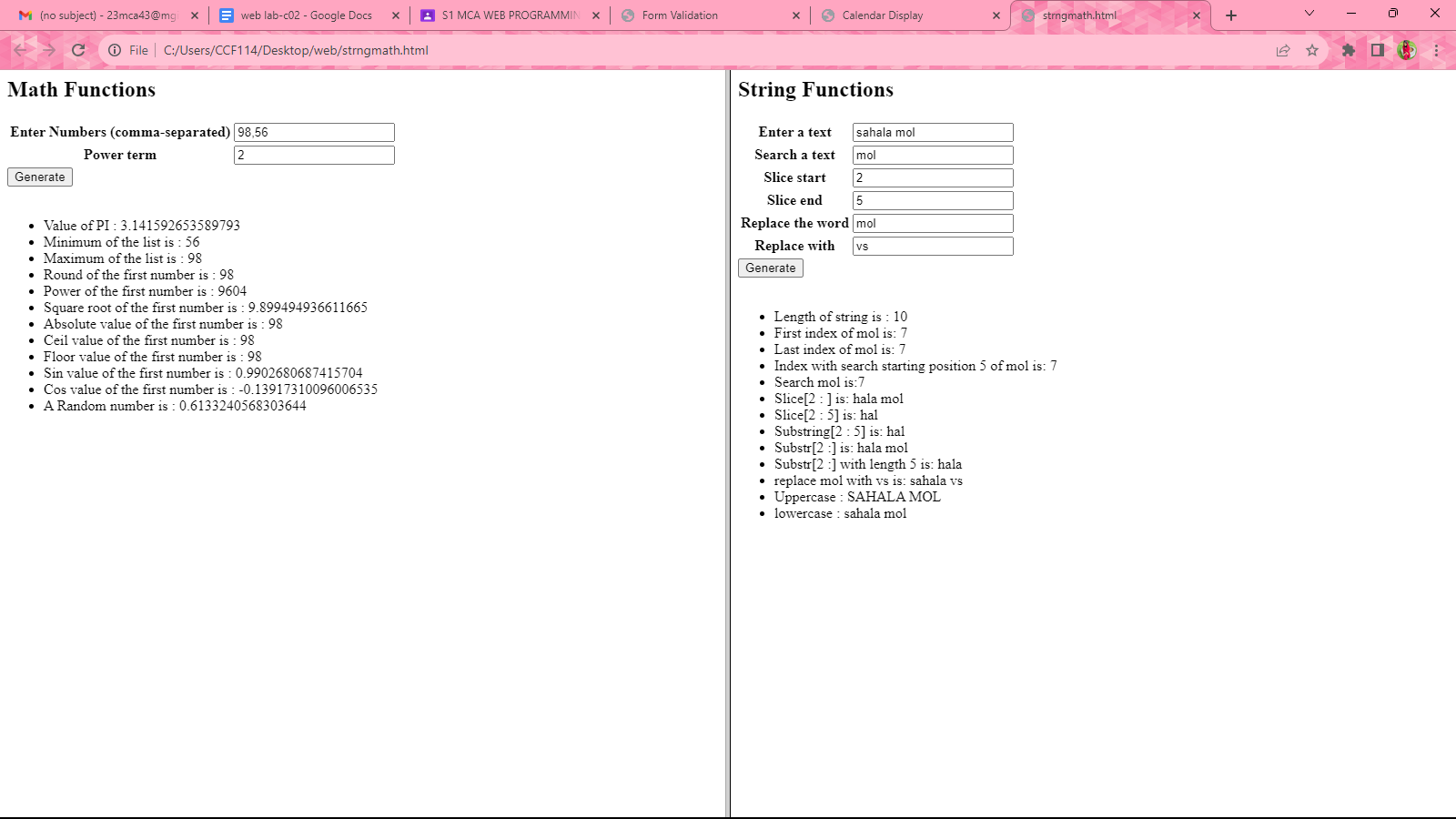
          document.getElementById('output\_math').innerHTML = (list\_items);  }

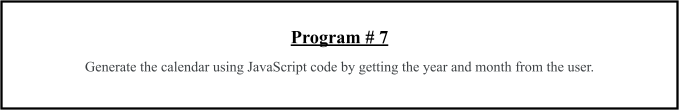
    </script>

  </body>

</html>

**output**





# PROGRAM CODE

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Calendar Display</title>

  <style>

    table {

      border-collapse: collapse;

      width: 50%;

      margin: 20px;

    }

    table, th, td {

      border: 1px solid black;

    }

    th, td {

      padding: 10px;

      text-align: center;

    }

    #calendarContainer {

      text-align: center;

    }

  </style>

</head>

<body>

<center>

  <h1>Calendar</h1>

  <div>

    <label for="year">Enter Year:</label>

    <input type="number" id="year" min="1900" max="2100" value="2023">

    <label for="month">Enter Month:</label>

    <input type="number" id="month" min="1" max="12" value="11">

    <button onclick="displayCalendar()">Show Calendar</button>

  </div>

  <div id="selectedDate"></div>

  <div id="calendarContainer"></div>

  <script>

    function displayCalendar() {

      var year = document.getElementById("year").value;

      var month = document.getElementById("month").value;

      var selectedDate = document.getElementById("selectedDate");

      var calendarContainer = document.getElementById("calendarContainer");

      // Validate input

      if (year < 1900 || year > 2100 || month < 1 || month > 12) {

        alert("Invalid year or month");

        return;

      }

      // Display selected year and month

      selectedDate.innerHTML = "<h2> " + getMonthName(month) + " " + year + "</h2>";

      // Create a Date object for the first day of the month

      var firstDay = new Date(year, month - 1, 1);

      var daysInMonth = new Date(year, month, 0).getDate();

      // Create the table for the calendar

      var table = "<table><tr><th>Sun</th><th>Mon</th><th>Tue</th><th>Wed</th><th>Thu</th><th>Fri</th><th>Sat</th></tr><tr>";

      // Fill in the days of the month

      for (var i = 0; i < firstDay.getDay(); i++) {

        table += "<td></td>";

      }

      for (var day = 1; day <= daysInMonth; day++) {

        table += "<td>" + day + "</td>";

        if ((firstDay.getDay() + day) % 7 === 0) {

          table += "</tr><tr>";

        }

      }

      table += "</tr></table>";

      // Display the calendar

      calendarContainer.innerHTML = table;

    }

    function getMonthName(month) {

      var monthNames = [

        "January", "February", "March", "April", "May", "June",

        "July", "August", "September", "October", "November", "December"

      ];

      return monthNames[month - 1];

    }

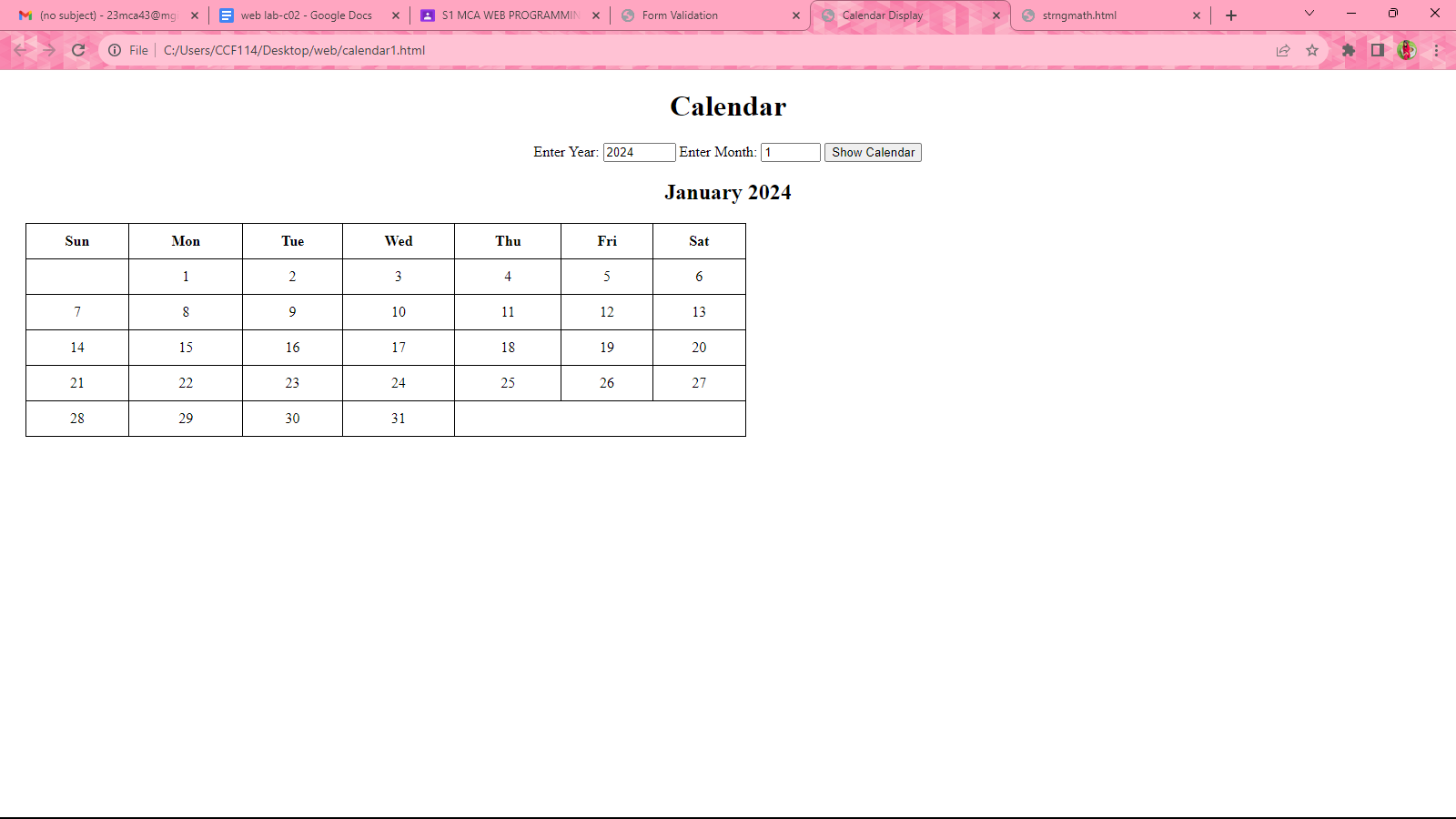
  </script>

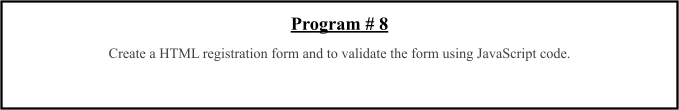
</center>

</body>

</html>

# OUTPUT





**PROGRAM CODE**

<!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>

        .error {

            color: red;

        }

    </style>

</head>

<body bgcolor="grey">

<center>

    <h2><b><u>REGISTRATION FORM</h2>

   <form id="myForm">

    <label for="name">Name:</label>

    <input type="text" size="65" id="name" name="name" required>

    <br>

<br>

    <label for="email">Email:</label>

    <input type="email" size="65" id="email" name="email" required>

    <br>

<br>

    <label for="phone">Phone:</label>

    <input type="tel" size="65" id="phone" name="phone" pattern="[0-9]{10}" required>

    <br>

<br>

    <label for="address">Address:</label>

    <textarea id="address" rows="4" cols="45" name="address" required></textarea>

    <br>

<br>

    <label for="courses">Courses:</label>

    <select id="courses" name="courses" required>

      <option value="">Select a course</option>

      <option value="MCA">MCA</option>

      <option value="MTECH">MTECH</option>

<option value="Msc">Msc</option>

      <option value="BTECH">BTECH</option>

      <!-- Add more options as needed -->

    </select>

    <br>

<br>

        <input type="submit" value="Submit">

</center>

    </form>

    <script>

        function validateForm() {

            // Reset error messages

            document.getElementById("nameError").innerHTML = "";

            document.getElementById("emailError").innerHTML = "";

            document.getElementById("passwordError").innerHTML = "";

            // Get form values

            var name = document.getElementById("name").value;

            var email = document.getElementById("email").value;

            var password = document.getElementById("password").value;

            // Validate Name

            if (name === "") {

                document.getElementById("nameError").innerHTML = "Name is required";

                return;

            }

            // Validate Email

            var emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;

            if (!emailRegex.test(email)) {

                document.getElementById("emailError").innerHTML = "Invalid email address";

                return;

            }

            // Validate Password

            if (password.length < 8) {

                document.getElementById("telephoneError").innerHTML = " must be at least 10 characters long";

                return;

            }

  // Validate telephone

            var phoneRegex = /^[0-9]{10}$/;

            if (telephone.length < 10) {

                document.getElementById("passwordError").innerHTML = "Password must be at least 8 characters long";

                return;

}

            // If all validations pass, you can submit the form or perform other actions

            alert("Form submitted successfully!");

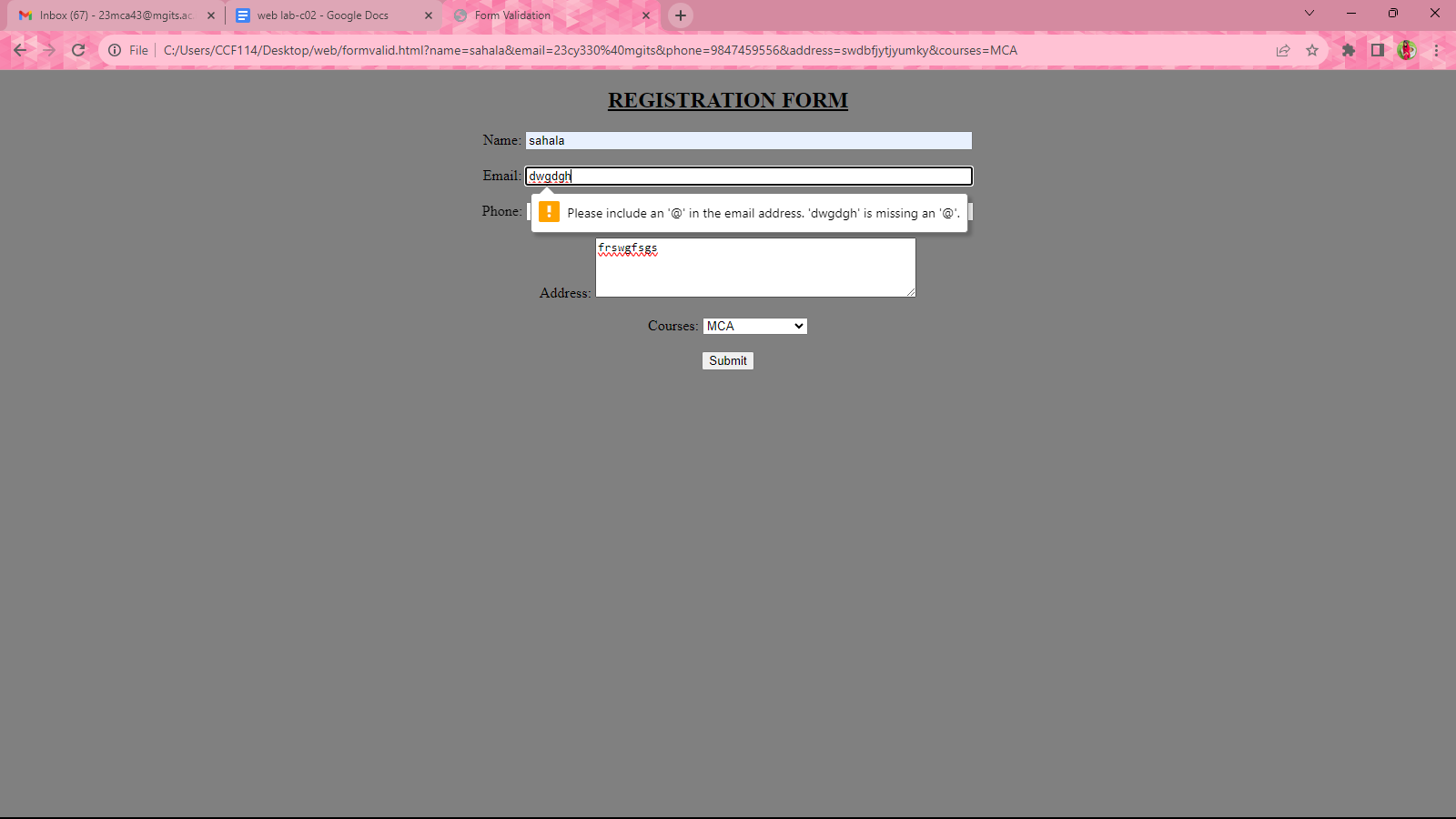
        }

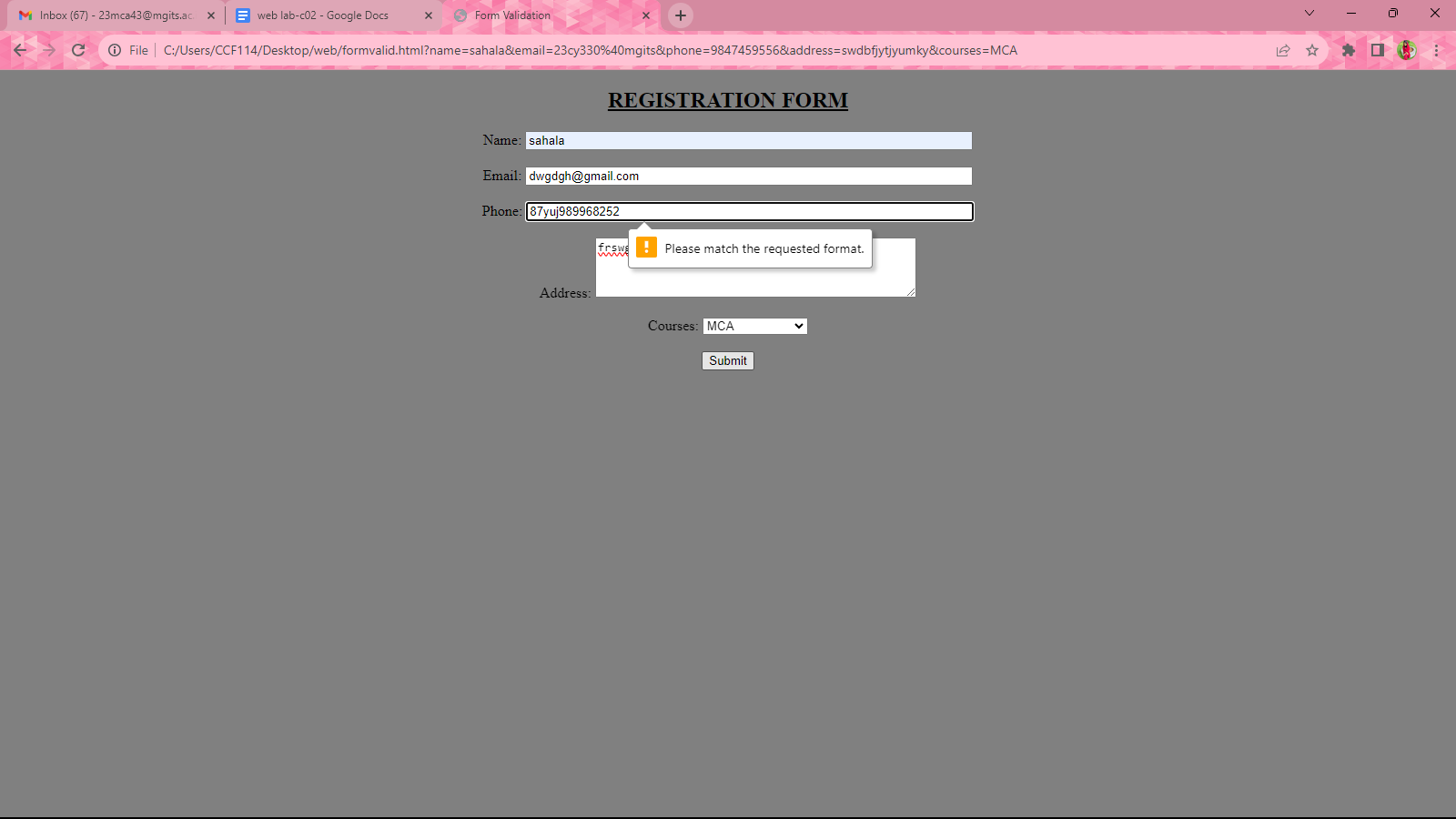
    </script>

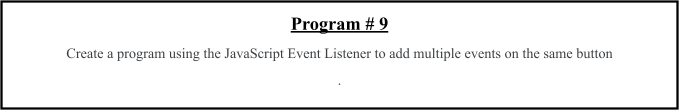
</body>

</html>

# OUTPUT







**PROGRAM CODE**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>JavaScript addEventListener()</title>

</head>

<body>

<h2>JavaScript addEventListener()</h2>

<p>This program uses the addEventListener() method to add multiple events on the same button.</p>

<button id="btn">Try it</button>

<p id="demo"></p>

<script>

var x = document.getElementById("btn");

x.addEventListener("mouseover", mouseOverFunction);

x.addEventListener("click", mouseClickFunction);

x.addEventListener("mouseout", mouseOutFunction);

function mouseOverFunction() {

    document.getElementById("demo").innerHTML += "Moused over!<br>";

}

function mouseClickFunction() {

    document.getElementById("demo").innerHTML += "Clicked!<br>";

}

function mouseOutFunction() {

    document.getElementById("demo").innerHTML += "Moused out!<br>";

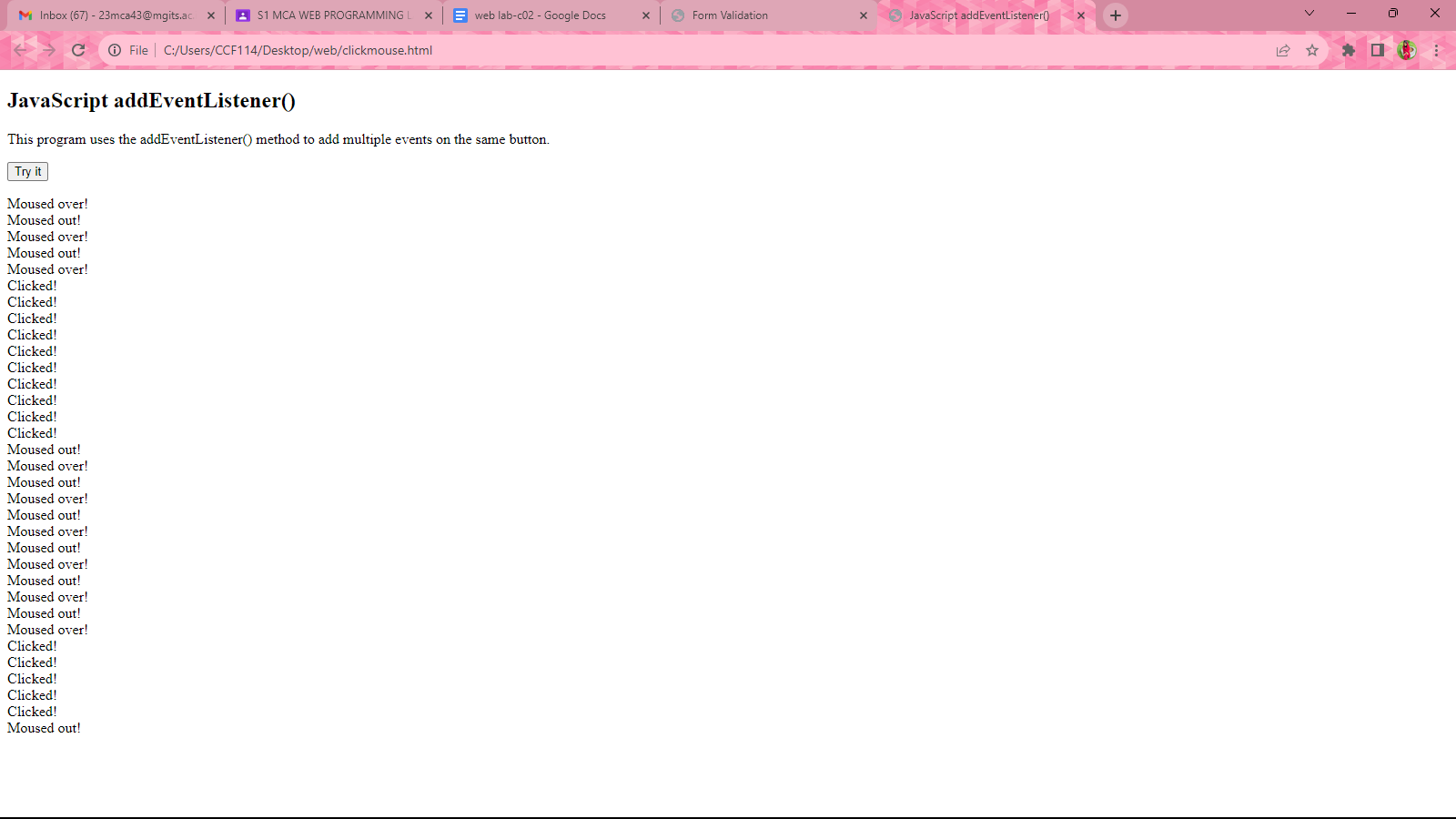
}

</script>

</body>

</html>

# OUTPUT





**PROGRAM CODE**

<!DOCTYPE html>

<html>

<head>

    <title>Change Background Colour on Button Click</title>

    <style>

        body {

            font-family: sans-serif;

        }

        #container {

            width: 600px;

            height: 400px;

            margin: 50px auto;

            padding: 20px;

            text-align: center;

            border: 1px solid #ccc;

        }

        button {

            font-size: 16px;

            padding: 10px 20px;

            cursor: pointer;

        }

    </style>

</head>

<body>

<div id="container">

    <h1>Change Background Color</h1>

    <button id="colorButton">Click HERE to change the colour!!!</button>

</div>

<script>

    const container = document.getElementById('container');

    const colorButton = document.getElementById('colorButton');

    colorButton.addEventListener('click', () => {

        const colors = ['#f00', '#0f0', '#00f', '#ff0', '#0ff', '#f0f'];

        const randomColor = colors[Math.floor(Math.random() \* colors.length)];

        container.style.backgroundColor = randomColor;

    });

</script>

</body>

</html>

# OUTPUT

# https://lh7-us.googleusercontent.com/BB9G5Ud7b105XAkw0ikxdiBlgCfXGfOJQg-6L2SnStUPIpVz44Znnhv-UyE3fNcg5IDoqLs156_AIFRbSFARq4Jkgw8j4iNPCI52zMtYzyklGF0pUJRJ8EujUk6Um1oXJStJ0RHXvsiRhBLZSU5dphM

# https://lh7-us.googleusercontent.com/-EIlrq4EUn0AFlJIgds_f4DNQigGVe9fGyxrXDD39h8p1zWtu_7REBmdiqTAsM9eZJgcpwE5yVh6fVgCTi_iEaVg3wc532i74fAvO27QnRsnY7rLVtjCoIYvK8Yw9izK7g47oVSWCWaZtz-IyoR6rsc



**PROGRAM CODE**

<html>

<head>

<meta charset="UTF-8">

<title>Image and Text Hover</title>

<style>

#image-container {

position: relative;

width: 300px;

height: 200px;

background-color: #ccc;

text-align: center;

}#image-container img {

width: 100%;

height: auto; }

#hidden-content {

position: absolute;

top: 0;

left: 0;

width: 100%;

height: 100%;

background-color: rgba(0, 0, 0, 0.5);

color: cyan;

text-align: center;

display: none; }

</style>

</head>

<body>

<center>

<div id="image-container">

<img src="dove.jpeg" alt="Image 1">

<p id="image-text">I am a beautiful dove!!</p>

<div id="hidden-content">

<img src="cat.jpeg" alt="Image 2">

</div>

</div>

<script>

const imageContainer = document.getElementById('image-container');

const hiddenContent = document.getElementById('hidden-content');

const imageText = document.getElementById('image-text');

imageContainer.addEventListener('mouseover', () => {

hiddenContent.style.display = 'block';

imageText.textContent = 'I am a cat now !!'; });

imageContainer.addEventListener('mouseout', () => {

hiddenContent.style.display = 'none';

imageText.textContent = 'I am a beautiful dove!!'; });

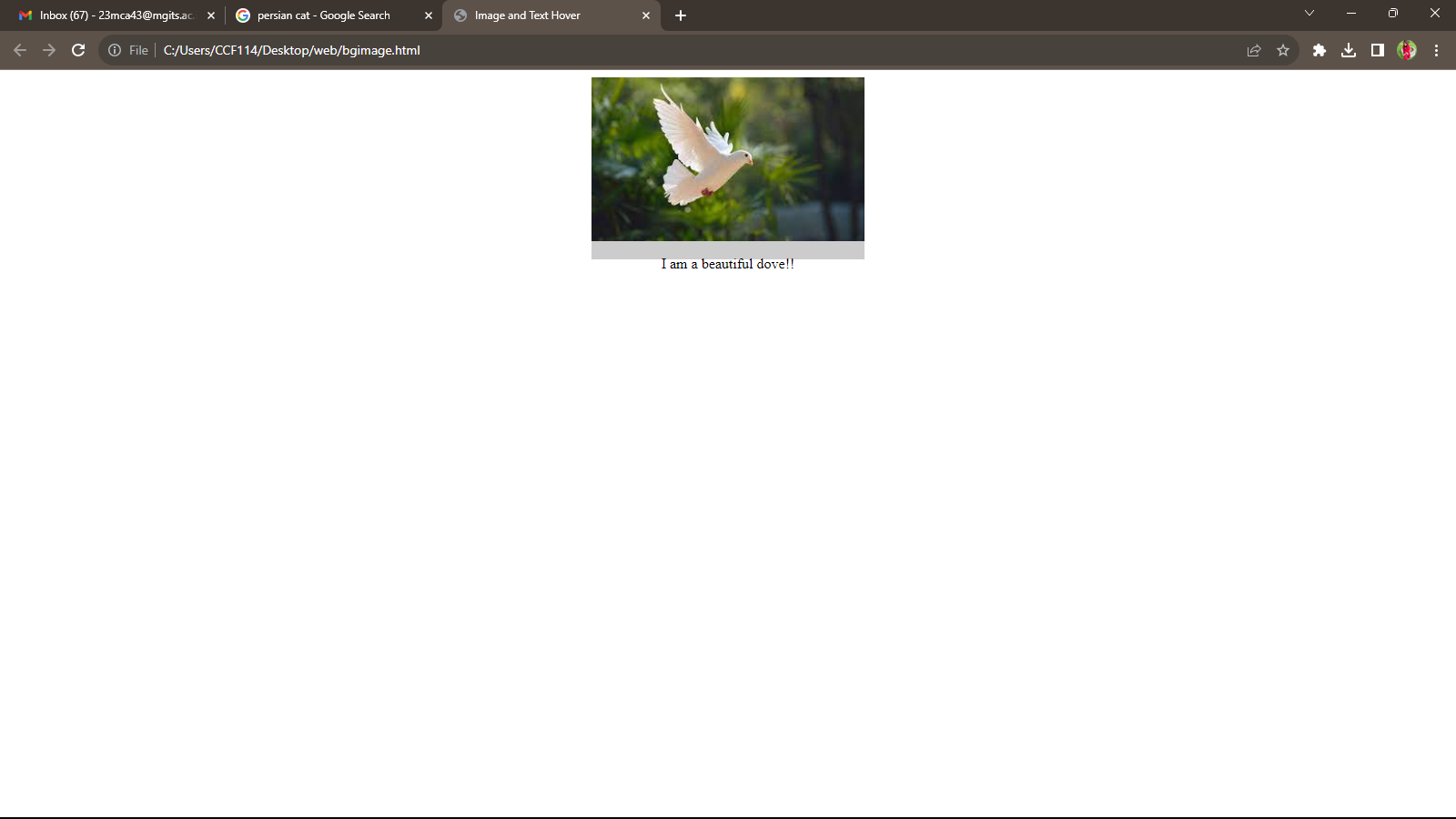
</script>

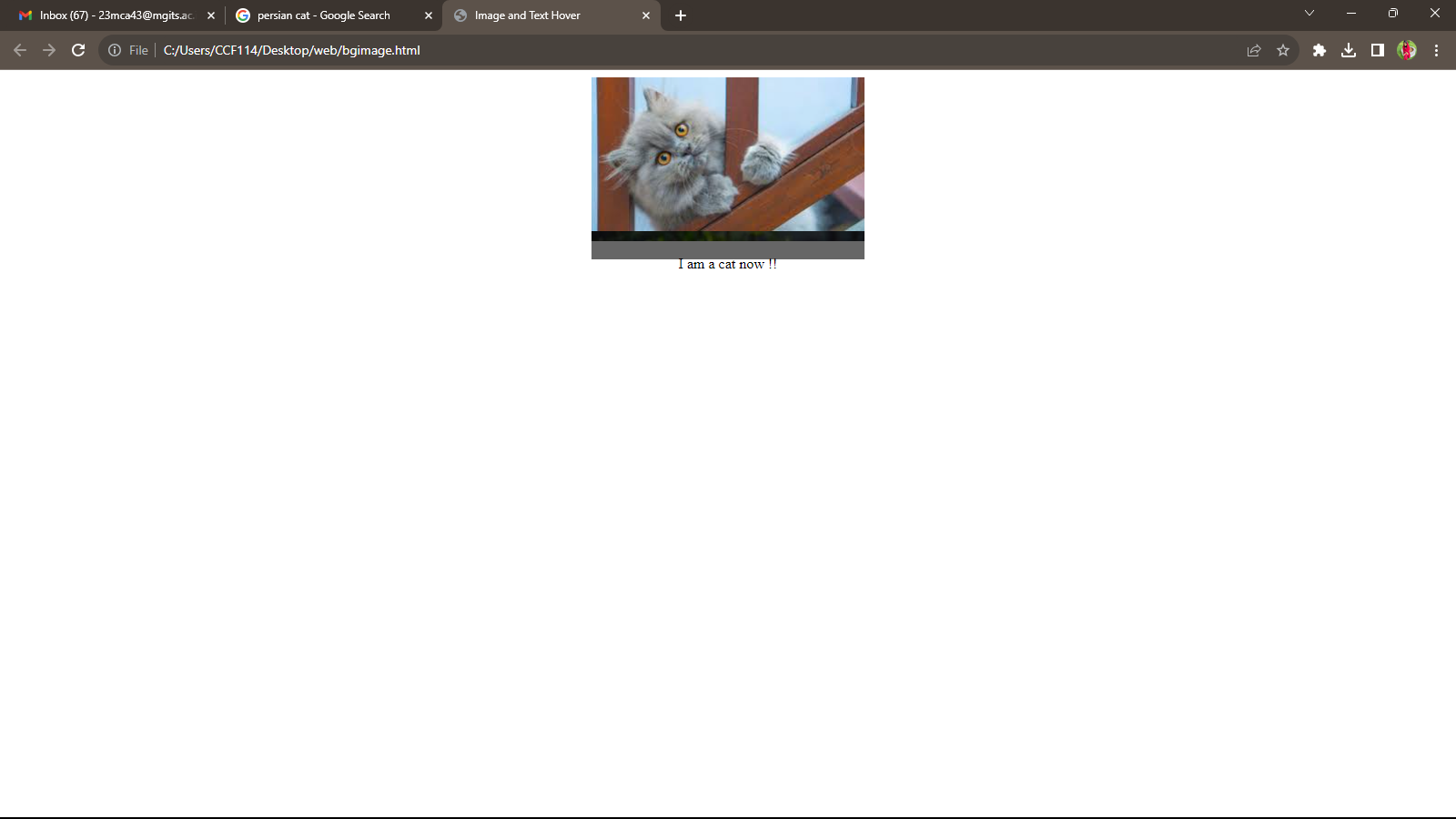
</center>

</body>

</html>

# OUTPUT







**PROGRAM CODE**

<!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>General Knowledge Quiz</title>

    <style>

        body {

            font-family: Arial, sans-serif;

            background-color: white;

            color: #333;

            margin: 0;

            padding: 0;

            display: flex;

            align-items: center;

            justify-content: center;

            height: 100vh;

        }

        form {

            width: 90%;

            max-width: 600px;

            background-color: #2c3e50;

            padding: 30px;

            border-radius: 12px;

            box-shadow: 0 0 15px rgba(0, 0, 0, 0.2);

        }

        h1 {

            text-align: center;

        }

        label {

            display: block;

            margin-bottom: 15px;

            color: #fff;

        }

        input,

        select {

            width: 100%;

            padding: 12px;

            margin-bottom: 15px;

            box-sizing: border-box;

        }

        button {

            background-color: #3498db;

            color: #fff;

            padding: 12px 20px;

            border: none;

            border-radius: 4px;

            cursor: pointer;

            width: 100%;

        }

        button:hover {

            background-color: #2980b9;

        }

        #result {

            margin-top: 20px;

            font-weight: bold;

            color: #333;

        }

        .incorrect-heading {

            color: #e74c3c;

            font-weight: bold;

            font-size: 18px;

            margin-bottom: 10px;

        }

        .wrong-answer {

            color: #e74c3c;

            font-weight: bold;

        }

    </style>

</head>

<body>

<h1 style="color: crimson;">MUTHOOT INSTITUTE OF TECHNOLOGY AND SCIENCE,VARIKOLI,PUTHENCRUZ</h2>

    <h2 style="color:crimson;">ONLINE EXAMINATION</h2>

    <form id="quizForm" onsubmit="return validateForm()">

        <label for="name">Name:</label>

        <input type="text" id="name" name="name" required><br>

        <label for="email">Email:</label>

        <input type="email" id="email" name="email" required><br>

        <label for="age">Age:</label>

        <input type="number" id="age" name="age" required><br>

        <!-- Add 15 General Knowledge Questions -->

        <!-- Question 1 -->

        <label for="q1">Question 1:What is the capital city of Kerala??</label>

        <select name="q1" required>

            <option value="">Select answer</option>

             <option value="Thiruvananthapuram">Thiruvananthapuram</option>

            <option value="Kochi">Kochi</option>

            <option value="Kozhikode">Kozhikode</option>

            <option value="Thrissur">Thrissur</option>

        </select><br>

        <!-- Question 2 -->

        <label for="q2">Question 2: Which river is known as the lifeline of Kerala??</label>

        <select name="q2" required>

            <option value="">Select answer</option>

            <option value="Periyar">Periyar</option>

            <option value="Pamba">Pamba</option>

            <option value="Bharathapuzha">Bharathapuzha</option>

            <option value="Chaliyar">Chaliyar</option>>

        </select><br>

        <!-- Question 3 -->

        <label for="q3">Question 3: Which is the official language of Kerala?</label>

        <select name="q3" required>

            <option value="">Select answer</option>

            <option value="Malayalam">Malayalam</option>

            <option value="Tamil">Tamil</option>

            <option value="Kannada">Kannada</option>

            <option value="Telugu">Telugu</option>

        </select><br>

        <!-- Question 4 -->

        <label for="q4">Question 4: What is the traditional dance form of Kerala?</label>

        <select name="q4" required>

            <option value="">Select answer</option>

            <option value="Kathakali">Kathakali</option>

            <option value="Bharatanatyam">Bharatanatyam</option>

            <option value="Odissi">Odissi</option>

            <option value="Kuchipudi">Kuchipudi</option>on>

        </select><br>

        <!-- Question 5 -->

        <label for="q5">Question 5: Which is the famous festival of Kerala celebrated during Onam?</label>

        <select name="q5" required>

            <option value="">Select answer</option>

            <option value="Vishu">Vishu</option>

            <option value="Thrissur Pooram">Thrissur Pooram</option>

            <option value="Attukal Pongala">Attukal Pongala</option>

            <option value="Pulikali">Pulikali</option>

        </select><br>

        <button type="submit">Submit</button>

    </form>

    <p id="result"></p>

    <script>

        function validateForm() {

            // Add additional validation logic if needed

            return true;

        }

        document.getElementById("quizForm").addEventListener("submit", function (event) {

            event.preventDefault(); // Prevent form submission for now

            calculateScore();

        });

        function calculateScore() {

            let score = 0;

            let wrongAnswers = [];

            const answers = {

                q1: "Thiruvananthapuram",

                q2: "Periyar",

                q3: "Malayalam",

                q4: "Kathakali",

                q5: "Pulikali"

                // Add correct answers for the rest of the questions

            };

            for (const question in answers) {

                const userAnswer = document.forms["quizForm"][question].value;

                const correctAnswer = answers[question];

                if (userAnswer === correctAnswer) {

                  score++;

                } else {

                    wrongAnswers.push({

                     question,

                        userAnswer,

                        correctAnswer

                    });

                }

            }

            displayScore(score, wrongAnswers);

        }

      function displayScore(score, wrongAnswers) {

    const resultElement = document.getElementById("result");

    resultElement.innerHTML = `Your score is: ${score}`;

    if (wrongAnswers.length > 0) {

        displayIncorrectAnswers(resultElement, wrongAnswers);

    }

}

function displayIncorrectAnswers(resultElement, wrongAnswers) {

    resultElement.innerHTML += "<br>Incorrect Answers:";

    wrongAnswers.forEach((item) => {

        resultElement.innerHTML += `<br>${item.question}: Your answer was <span class="wrong-answer">${item.userAnswer}</span>. The correct answer is <span class="correct-answer">${item.correctAnswer}</span>.`;

    });

}

    </script>

</body>

</html>

# OUTPUT

# https://lh7-us.googleusercontent.com/C8B-poGuehBsNPNkcXHK6adKtc1kOICrxoHzLvzueqloT3cw5VFNXs-49tznDCUDwP2kRYo4ulRoUStsyBPV949xFIbub2vI0R60pndFv0Vsw9SzxJAgNYAJ7Dg_Ti4EN4bKbX43WZOVg4Msh6G_yhw