

<td>18 per year</td>
</tr>
<td rowspan="4">B.Tech Courses</td>
<td>Computer Science & Engineering </td>
<td>120 per year</td>
</tr>
<td>Electronics & Communication Engineering</td>
<td>120 per year</td>
</tr>
<td>Electrical & Electronics Engineering</td>
<td>120 per year</td>
</tr>
<td>Electronics and Instrumentation Engineering</td>
<td>60 per year</td>
</tr>
<td>MCA</td>
<td>Master of Computer Applications</td>
<td>60 per year</td>
</tr>

</table>

<h2 style="background-color:red;color:white">CONTACT US</h2>

<h3 style="color:blue;font-size:15px">ADDRESS FOR COMMUNICATION:</h3>

OUTPUT

COLLEGE OF ENGINEERING CHENGANNUR

VISION: To emerge as an institution of excellence that imparts knowledge through education, learning, and research for the inclusive development of society.
MISSION: To impart engineering education that enables the students to design, develop and maintain systems, products and process for the society utilizing the evolving technology.

ABOUT US



The College of Engineering Chengannur, an institution of excellence in the domain of technical education, was established in the year 1983, with a vision to create engineers having the drive, skill, and confidence to become the pioneers of tomorrow. The college functions with the highest order of discipline so that all students are trained to excel in highly professional environments. The college was set up under the auspices of the Institute of Human Resource and Development (IHRD) and is recognized by the All India Council for Technical Education (AICTE), New Delhi. It is affiliated to APJ Abdul Kalam Technological University (KTU).

COURSES OFFERED

Admission to the courses is on an annual basis and is based on the All Kerala Common Entrance Examination conducted by the Controller of Entrance Examinations, Government of Kerala. The admissions to the free merit seats and management seats are through the Central Allotment Process conducted by the Controller of Entrance Examinations, Government of Kerala. The proportion of seats are as follows: free merit seats 50%, management seats 30% (as aforementioned allotment to both these categories are through the Central Allotment Process), the remaining 20% seats come under the 100% quota.

COURSES OFFERED

Course	Specialization	Seats
M.Tech	Electronics with specializations in VLSI & Embedded Systems	18 per year
	Computer Science with specializations in Digital Image Processing	18 per year
B.Tech Courses	Computer Science & Engineering	120 per year
	Electronics & Communication Engineering	120 per year
	Electrical & Electronic Engineering	120 per year
	Electronics and Instrumentation Engineering	60 per year
MCA	Master of Computer Applications	60 per year

CONTACT US

ADDRESS FOR CORRESPONDENCE:

College of Engineering Chengannur
Chengannur P.O.
Alappuzha District
Kerala
PIN-689121

[WEBSITE](#)

WEBPAGE FOR THE FESTIVALS OF INDIA

AIM:

Create an attractive webpage showing the images and description of at least three festivals in India. Set width and height of the images as 500px and 700px respectively. When an image of a festival is clicked, user must redirect to another webpage showing details of that festival. The new webpage should be opened in another tab.

SOURCE CODE:

festival.html

```
<!DOCTYPE html>

<head>

  <title>Festivals</title>

</head>

<body>

  <h1>Festivals In India</h1>

  <p>Some major festivals celebrated in India are Holi, Diwali, Onam, etc. The festivals can be national or religious. Some national festivals are Independence day, Republic day, Gandhi Jayanti, etc. The national festivals are celebrated together as a nation. </p>

  <h2>Diwali</h2>

  <a href="diwali.html" target="_blank">

  </a>

  <h2>Holi</h2>

  <a href="holi.html" target="_blank">

  </a>

  <h2>Onam</h2>

  <a href="onam.html" target="_blank">
```

OUTPUT

Festivals In India

Some major festivals celebrated in India are Holi, Diwali, Onam, etc. The festivals can be national or religious. Some national festivals are Independence day, Republic day, Gandhi Jayanti, etc. The national festivals are celebrated together as a nation.

Diwali



Holi



Onam



DIWALI: THE FESTIVAL OF LIGHTS



Diwali, or Dipawali, is India's biggest and most important holiday of the year. The festival gets its name from the row (avali) of clay lamps (deepa) that Indians light outside their homes to symbolize the inner light that protects from spiritual darkness. This festival is as important to Hindus as the Christmas holiday is to Christians. Over the centuries, Diwali has become a national festival that's also enjoyed by non-Hindu communities. For instance, in Jainism, Diwali marks the nirvana, or spiritual awakening, of Lord Mahavira on October 15, 527 B.C.; in Sikhism, it honors the day that Guru Hargobind Ji, the Sixth Sikh Guru, was freed from imprisonment. Buddhists in India celebrate Diwali as well.

```

```

```
</a>
```

```
</body>
```

```
</html>
```

diwali.html

```
<!DOCTYPE html>
```

```
<head>
```

```
<title>Diwali</title>
```

```
</head>
```

```
<body >
```

```
<h1>DIWALI:THE FESTIVALOFLIGHTS</h1>
```

```

```

```
<p>Diwali, or Dipawali, is India's biggest and most important holiday of the year. The festival gets its name from the row (awali) of clay lamps (deepa) that Indians light outside their homes to symbolize the inner light that protects from spiritual darkness. This festival is as important to Hindus as the Christmas holiday is to Christians. Over the centuries, Diwali has become a national festival that's also enjoyed by non-Hindu communities. For instance, in Jainism, Diwali marks the nirvana, or spiritual awakening, of Lord Mahavira on October 15, 527 B.C.; in Sikhism, it honors the day that Guru Hargobind Ji, the Sixth Sikh Guru, was freed from imprisonment. Buddhists in India celebrate Diwali as well. </p>
```

```
</body>
```

```
</html>
```

holi.html

```
<!DOCTYPE html>
```

```
<head>
```

```
<title>Holi</title>
```

```
</head>
```

```
<body>
```

```
<h1>HOLI:AJOYFULAND COLORFULFESTIVAL</h1>
```

```

```

```
<p>Holi is a popular and significant Hindu festival celebrated as the Festival of Colours, Love, and Spring. It celebrates the eternal and divine love of the deities Radha and Krishna.
```

HOLI: A JOYFUL AND COLORFUL FESTIVAL



Holi is a popular and significant Hindu festival celebrated as the Festival of Colours, Love, and Spring. It celebrates the eternal and divine love of the deities Radha and Krishna. Additionally, the day signifies the triumph of good over evil, as it commemorates the victory of Vishnu as Narasimha over Hiranyakashipu. Holi originated and is predominantly celebrated in the Indian subcontinent, but has also spread to other regions of Asia and parts of the Western world through the Indian diaspora.

ONAM: THE HARVEST FESTIVAL OF KERALA



The festival of Onam is celebrated throughout the state of Kerala. Kerala during Onam is marked by happiness, excitement and enjoyment among all sections of people. Onam is celebrated as an outcome of reasons that have to do with mythology as well as old agrarian practices. If one is to go by the myth, then King Mahabali or Maveli was a generous and virtuous ruler, who had once ruled Kerala. This occasion is celebrated by all Keralites as Onam. And the other cause for celebrating Onam is because it is the time of the year when a good harvest has been gathered all over Kerala, resulting in plenitude and happiness.

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

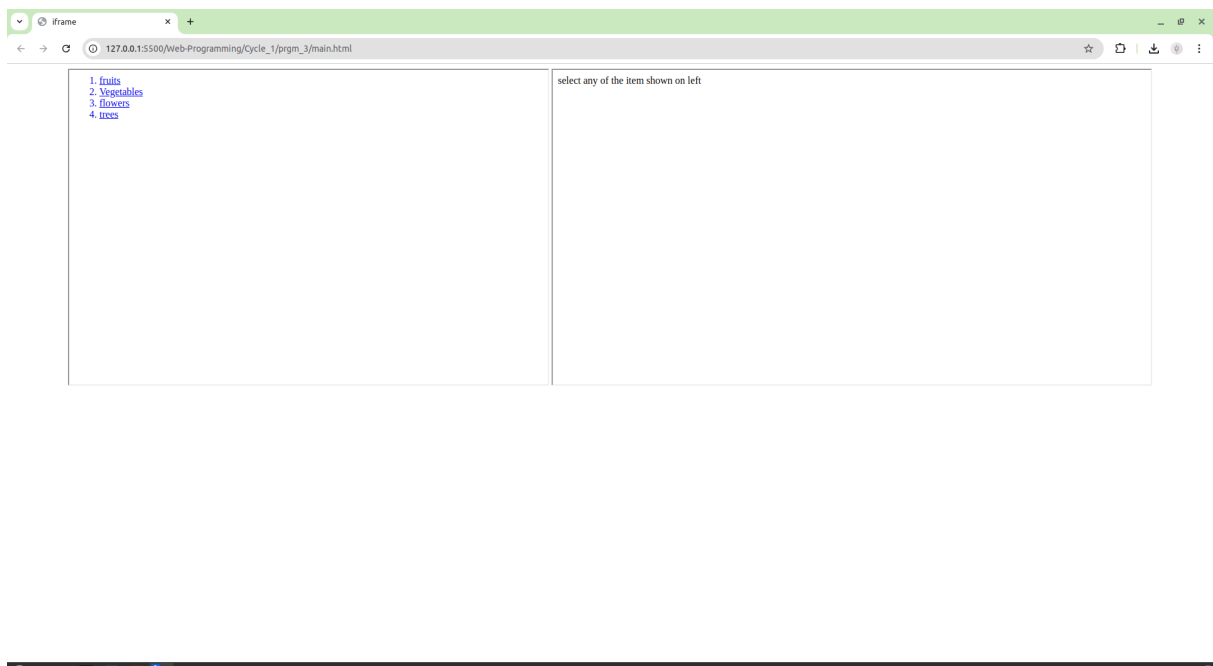
FRAMELIST.HTML

```
<html>
<head>
  <title>framelist</title>
</head>
<body>
  <ol>
    <a href="list1.html" target="frame2"><li>fruits</li></a>
    <a href="list2.html" target="frame2"><li>Vegetables</li></a>
    <a href="list3.html" target="frame2"><li>flowers</li></a>
    <a href="list4.html" target="frame2"><li>trees</li></a>
  </ol>
</body>
</html>
```

LIST1.HTML

```
<html>
<head>
  <title>Fruits</title>
</head>
<body>
  <h1 style="color:red;text-align:center;font-family:Arial;">Fruits</h1>
```

OUTPUT



[FRUITS](#)
[VEGETABLES](#)
[FLOWERS](#)
[TREES](#)

VEGETABLES



Vegetables are parts of plants that are consumed by humans or other animals as food. The original meaning is still commonly used and is applied to plants collectively to refer to all edible plant matter, including the flowers, fruits, stems, leaves, roots, and seeds. An alternative definition of the term is applied somewhat arbitrarily, often by culinary and cultural tradition. It may exclude foods derived from some plants that are fruits, flowers, nuts, and cereal grains, but include savoury fruits such as tomatoes and courgettes, flowers such as broccoli, and seeds such as pulses. Originally, vegetables were collected from the wild by hunter-gatherers and entered cultivation in several parts of the world, probably during the period 10,000 BC to 7,000 BC, when a new agricultural way of life developed. At first, plants which grew locally would have been cultivated, but as time went on, trade brought exotic crops from elsewhere to add to domestic types. Nowadays, most vegetables are grown all over the world as climate permits, and crops may be cultivated in protected environments in less suitable locations. China is the largest producer of vegetables, and global trade in agricultural products allows consumers to purchase vegetables grown in faraway countries. The scale of production varies from subsistence farmers supplying the needs of their family for food, to agribusinesses with vast acreages of single-product crops. Depending on the type of vegetable concerned, harvesting the crop is followed by grading, storing, processing, and marketing. Vegetables can be eaten either raw or cooked and play an important role in human nutrition, being mostly low in fat and carbohydrates, but high in vitamins, minerals and dietary fiber. Many nutritionists encourage people to consume plenty of fruit and vegetables, five or more portions a day often being recommended.


```
<center></center>
```

```
<p><i><h3 style="color:#FF7A59; text-align:justify;font-family:Times New Roman;">
```

Fruits are the means by which flowering plants (also known as angiosperms) disseminate their seeds. Edible fruits in particular have long propagated using the movements of humans and animals in a symbiotic relationship that is the means for seed dispersal for the one group and nutrition for the other; in fact, humans and many animals have become dependent on fruits as a source of food

```
</h3></p></i>
```

```
</body>
```

```
</html>
```

LIST2.HTML

```
<html>
```

```
<head>
```

```
<title>Vegetables</title>
```

```
</head>
```

```
<body>
```

```
<h1 style="color:red;text-align:center;font-family:Arial;">Vegetables</h1>
```

```
<center></center>
```

```
<p><i><h3 style="color:#FF7A59; text-align:justify;font-family:Times New Roman;">
```

Vegetables are parts of plants that are consumed by humans or other animals as food. The original meaning is still commonly used and is applied to plants collectively to refer to all edible plant matter, including the flowers, fruits, stems, leaves, roots, and seeds. An alternative definition of the term is applied somewhat arbitrarily, often by culinary and cultural tradition. It may exclude foods derived from some plants that are fruits, flowers, nuts, and cereal grains, but include savoury fruits such as tomatoes and courgettes, flowers such as broccoli, and seeds such as pulses.

[FRUITS](#)
[VEGETABLES](#)
[FLOWERS](#)
[TREES](#)

TREES



In botany, a tree is a perennial plant with an elongated stem, or trunk, usually supporting branches and leaves. In some usages, the definition of a tree may be narrower, including only woody plants with secondary growth, plants that are usable as lumber or plants above a specified height. In wider definitions, the taller palms, tree ferns, bananas, and bamboos are also trees. Trees are not a monophyletic taxonomic group but consist of a wide variety of plant species that have independently evolved a trunk and branches as a way to tower above other plants to compete for sunlight. The majority of tree species are angiosperms or hardwoods; of the rest, many are gymnosperms or softwoods. Trees tend to be long-lived, some reaching several thousand years old. Trees have been in existence for 370 million years. It is estimated that there are around three trillion mature trees in the world. A tree typically has many secondary branches supported clear of the ground by the trunk. This trunk typically contains woody tissue for strength, and vascular tissue to carry materials from one part of the tree to another. For most trees it is surrounded by a layer of bark which serves as a protective barrier. Below the ground, the roots branch and spread out widely; they serve to anchor the tree and extract moisture and nutrients from the soil. Above ground, the branches divide into smaller branches and shoots. The shoots typically bear leaves, which capture light energy and convert it into sugars by photosynthesis, providing the food for the tree's growth and development.

[FRUITS](#)
[VEGETABLES](#)
[FLOWERS](#)
[TREES](#)

FRUITS



In botany, a fruit is the seed-bearing structure in flowering plants that is formed from the ovary after flowering. Fruits are the means by which flowering plants (also known as angiosperms) disseminate their seeds. Edible fruits in particular have long propagated using the movements of humans and other animals in a symbiotic relationship that is the means for seed dispersal for the one group and nutrition for the other; in fact, humans and many other animals have become dependent on fruits as a source of food.[1] Consequently, fruits account for a substantial fraction of the world's agricultural output, and some (such as the apple and the pomegranate) have acquired extensive cultural and symbolic meanings.

```
</h3></p></i>
</body>
</html>
```

LIST 3.HTML

```
<html>
<head>
  <title>Flowers</title>
</head>
<body>
  <h1 style="color:red;text-align:center;font-family:Arial;">Flowers</h1>
  <center></center>
  <p><i><h3 style="color:#FF7A59; text-align:justify;font-family:Times New Roman;">
    A flower, sometimes known as a bloom or blossom, is the reproductive structure found in
    flowering plants(plants of the divisionAngiospermae). The biological function of a flower
    is to facilitate reproduction, usually by providing a mechanism for the union of sperm with
    eggs. Flowers may facilitate outcrossing (fusion of sperm and eggs from different
    individuals in a population) resulting from cross-pollination or allow selfing (fusion of
    sperm and egg from the same flower) when self-pollination occurs.
  </h3></p></i>
</body>
</html>
```

LIST4.HTML

```
<html>
<head>
  <title>Trees</title>
```

[FRUITS](#)
[VEGETABLES](#)
[FLOWERS](#)
[TREES](#)

FLOWERS



A flower, sometimes known as a bloom or blossom, is the reproductive structure found in flowering plants (plants of the division Angiospermae). Flowers produce gametophytes, which in flowering plants consist of a few haploid cells which produce gametes. The "male" gametophyte, which produces non-motile sperm, is enclosed within pollen grains; the "female" gametophyte is contained within the ovule. When pollen from the anther of a flower is deposited on the stigma, this is called pollination. Some flowers may self-pollinate, producing seed using pollen from the same flower or a different flower of the same plant, but others have mechanisms to prevent self-pollination and rely on cross-pollination, when pollen is transferred from the anther of one flower to the stigma of another flower on a different individual of the same species.

```
<p>A "hut" is a small, simple, and typically modest dwelling, often made of natural materials such as wood, thatch, mud, or other locally available materials. Huts are found in various parts of the world and have been used by different cultures and societies throughout history.
```

```
</p>
```

```
</body>
```

```
</html>
```

sun-details.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <title>SUN</title>
```

```
</head>
```

```
<body>
```

```
  <h1 style="color:white;background-color:red;font-size:40px"><b>SUN</b></h1>
```

```
  
```

```
  <p>The sun is often referred to as the "center" of our solar system because it is by far the most massive object, containing more than 99% of the total mass of the solar system. It plays a critical role in our daily lives and has fascinated humans for centuries
```

```
  </p>
```

```
</body>
```

```
</html>
```

tree.html

```
<html>
```

```
<head>
```

```
  <title>TREES</title>
```

```
</head>
```

```
<body >
```

OUTPUT

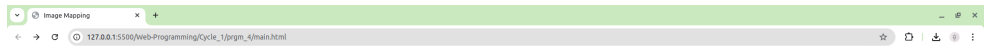


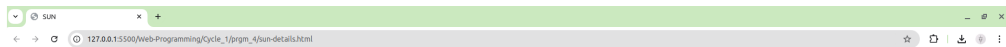
IMAGE MAP



HUT



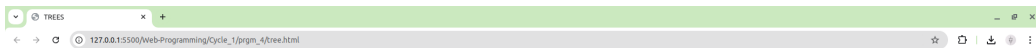
A "hut" is a small, simple, and typically modest dwelling, often made of natural materials such as wood, thatch, mud, or other locally available materials. Huts are found in various parts of the world and have been used by different cultures and societies throughout history.



SUN



The sun is often referred to as the "center" of our solar system because it is by far the most massive object, containing more than 99% of the total mass of the solar system. It plays a critical role in our daily lives and has fascinated humans for centuries.



TREES



Trees are an integral part of the natural world, playing a crucial role in the environment and providing numerous benefits to both ecosystems and human societies.

```

        <td style="border: 1px solid #000; padding: 8px; text-align: left;">
            <input type="password" id="password" name="password">
                (max 30 characters)
        </td>
    </tr>

    <tr>
        <th style="border: 1px solid #000; padding: 8px; text-align: left;">
            <label>UPLOAD YOUR PHOTO</label>
        </th>
        <td style="border: 1px solid #000; padding: 8px; text-align: left;">
            <input type="file" id="photo" name="photo" accept="image/*">
        </td>
    </tr>



    <tr>
        <th style="border: 1px solid #000; padding: 8px; text-align: left;">
            <label>DATE OF TC</label>
        </th>
        <td style="border: 1px solid #000; padding: 8px; text-align: left;">
            <input type="date" id="dotc">
        </td>
    </tr>

    <tr>
        <td colspan="2" style="border: 1px solid #000; padding: 8px; text-align: center;">
            <input type="submit" value="Submit">
            <input type="reset" value="Reset">
        </td>
    </tr>

```

OUTPUT:

STUDENT REGISTRATION FORM

FIRST NAME	<input type="text"/> (max 30 characters)																									
LAST NAME	<input type="text"/> (max 30 characters)																									
DATE OF BIRTH	<input type="text"/> dd-mm-yyyy 																									
EMAIL ID	<input type="text"/>																									
MOBILE NUMBER	<input type="text"/> (10 digit number)																									
GENDER	<input type="radio"/> Male <input type="radio"/> Female																									
ADDRESS	<div><input type="text"/></div>																									
CITY	<input type="text"/> (max 30 characters)																									
PIN CODE	<input type="text"/> (max 6 characters)																									
STATE	<input type="text"/> (max 30 characters)																									
COUNTRY	<input type="text" value="India"/>																									
HOBBIES	Drawing <input type="checkbox"/> Singing <input type="checkbox"/> Dancing <input type="checkbox"/> Sketching <input type="checkbox"/> Others <input type="text"/>																									
QUALIFICATION	<table><thead><tr><th>Sr.No.</th><th>Examination</th><th>Board</th><th>Percentage</th><th>Year of Passing</th></tr></thead><tbody><tr><td>1</td><td>Class X</td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr><tr><td>2</td><td>Class XII</td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr><tr><td>3</td><td>Graduation</td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr><tr><td>4</td><td>Masters</td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr></tbody></table>	Sr.No.	Examination	Board	Percentage	Year of Passing	1	Class X	<input type="text"/>	<input type="text"/>	<input type="text"/>	2	Class XII	<input type="text"/>	<input type="text"/>	<input type="text"/>	3	Graduation	<input type="text"/>	<input type="text"/>	<input type="text"/>	4	Masters	<input type="text"/>	<input type="text"/>	<input type="text"/>
Sr.No.	Examination	Board	Percentage	Year of Passing																						
1	Class X	<input type="text"/>	<input type="text"/>	<input type="text"/>																						
2	Class XII	<input type="text"/>	<input type="text"/>	<input type="text"/>																						
3	Graduation	<input type="text"/>	<input type="text"/>	<input type="text"/>																						
4	Masters	<input type="text"/>	<input type="text"/>	<input type="text"/>																						
COURSES APPLIED FOR	MCA <input type="radio"/> M.Tech <input type="radio"/> M.Sc <input type="radio"/> Ph.D <input type="radio"/>																									
ENTER THE PASSWORD	<input type="text"/> (max 30 characters)																									
UPLOAD YOUR PHOTO	<input type="button" value="Choose File"/> No file chosen																									
DATE OF TC	<input type="text"/> dd-mm-yyyy 																									
<input type="button" value="Submit"/> <input type="button" value="Reset"/>																										


```

h2 {
    color: white; padding: 10px;
    background-color: blue;
}
body{
    background-color: yellow;
}
p {
    border: 2px solid black;
    padding: 3px;
}
</style>
<body>
<b><center>BIODATA</center></b>
<h1>ATHIN VIJAY</h1>
<h2>PERSONAL DETALIS</h2>
<li>Full Name-ATHIN VIJAY</li>
<li>Date of brith- 17-09-1989</li>
<li>Blood group- o+ve</li>
<li>Gender: Male</li>
<li>Adresss:House No:566 Eravankara p.o Mavelikara</li>
<h2>EDUCATIONAL DETALIS</h2>
<li>High School-IJEMS Mavelikara</li>
<li>Higher secondary-IJEMS Mavelikara</li>
<li>Degree-college of applied science,Karthikapally</li>
<li>MCA-College of engineering,chenganuur</li>
<h2>HOBBIES</h2>
<li>Reading</li>
<li>Sports</li>
<li>Movies</li>
<li>Travelling</li>

```

OUTPUT

BIODATA

ATHIN VIJAY

PERSONAL DETALIS

- Full Name- ATHIN VIJAY
- Date of birth- 17-09-1999
- Blood group- o+ve
- Gender: Male
- Address: House No:566 Eravankara p.o Mavelikara

EDUCATIONAL DETALIS

- High School-IJEMS Mavelikara
- Higher secondary-IJEMS Mavelikara
- Degree-college of applied science,Karthikapally
- MCA-College of engineering,chengannur

HOBBIES

- Reading
- Sports
- Movies
- Travelling

CONTACT DETAILS

Mob:90470889535
Email:athin@gmail.com

EXTERNAL STYLE SHEETS

AIM:

Using External Style Sheets, create a web page with following styles:

- a. Create different paragraphs defining different selectors in CSS. Each paragraph should be defined with appropriate labels for making styles of each Selector.
- b. Style each selector with unique font color, and background color.

SOURCE CODE:

main.html

```
<html>
<head>
  <title>External Css</title>
  <link rel="stylesheet" href="styles.css"/>
</head>
<body>
  <p>
    The box sat on the desk next to the computer. It had arrived earlier in the
    day and business had interrupted her opening it earlier. She didn't
    who had sent it and briefly wondered who it might have been. As she began to
    unwrap it, she had no idea that opening it would completely change her life.
  </p>
  <p id="para1">
    The box sat on the desk next to the computer. It had arrived earlier in the day
    and business had interrupted her opening it earlier. She didn't who had sent it
    and briefly wondered who it might have been. As she began to unwrap it, she
    had no idea that opening it would completely change her life.
  </p>
  <p class="center">
    The box sat on the desk next to the computer. It had arrived earlier in the
    day and business had interrupted her opening it earlier. She didn't to unwrap
    it, she had no idea that opening it would completely change her life
  </p>
```

OUTPUT

The box sat on the desk next to the computer. It had arrived earlier in the day and business had interrupted her opening it earlier. She didn't who had sent it and briefly wondered who it might have been. As she began to unwrap it, she had no idea that opening it would completely change her life.

The box sat on the desk next to the computer. It had arrived earlier in the day and business had interrupted her opening it earlier. She didn't who had sent it and briefly wondered who it might have been. As she began to unwrap it, she had no idea that opening it would completely change her life.

The box sat on the desk next to the computer. It had arrived earlier in the day and business had interrupted her opening it earlier. She didn't who had sent it and briefly wondered who it might have been. As she began to unwrap it, she had no idea that opening it would completely change her life.

```

#myTable th {
    padding-top: 20px;
    padding-bottom: 20px;
    text-align: left;
    color: #ffffff;
    background-color: #b22222;
    border: 1px solid grey;
}
#myTable td {
    padding: 8px;
}
#myTable tr {
    border: 1px solid grey;
}
#myTable tr:nth-child(even) {
    background-color: #f2f2f2;
}
#myTable tr:hover {
    background-color: burlywood;
}
</style>
<title>Simple Table</title>
</head>
<body>
    <table id="myTable">
        <tr>
            <th>Courses</th>
            <th>Seats</th> </tr>
        <tr>
            <td>BCA</td>

```

OUTPUT

Courses	Seats
BCA	30
MCA	60
Btech	60
Mtech	60
Msc	30

```
        <td>30</td>
    </tr>
    <tr>
        <td>MCA</td>
        <td>60</td>
    </tr>
    <tr>
        <td>Btech</td>
        <td>60</td>
    </tr>
    <tr>
        <td>Mtech</td>
        <td>60</td>
    </tr>
    <tr>
        <td>Msc</td>
        <td>30</td>
    </tr>
</table>
</body>
</html>
```

RESULT:

The program has been executed successfully and output verified.

OUTPUT




```
<head>
<title>Side Navigation Example</title>
<style>
  body{
    margin:0;
    padding:0;
  }
  .sidenav{
    height:100%;
    width:160px;
    position:fixed;
    top=0;
    left=0;
    padding-top:20px;
    background-color:green;
  }
  .sidenav a{
    display:block;
    text-decoration:none;
    padding:6px 10px 6px 16px;
    color:white;
  }
  .sidenav a:hover{
    color:red;
  }
  .main{
    margin-left:160px;
    padding:0;
  }
```

OUTPUT

About Us

Departments

Vision And Mission

Contact Us

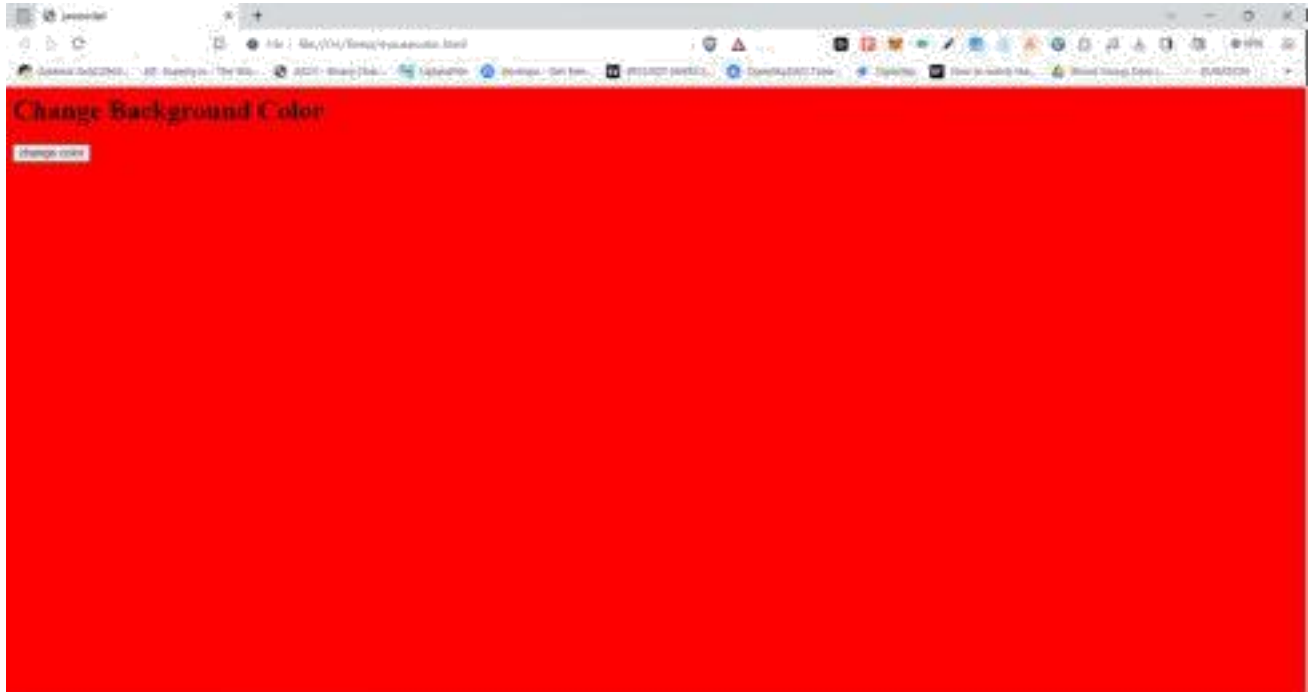
Side Bar Example

```
h1 {  
    padding:0;  
    margin:0;  
}  
body{  
    height:2000px;  
}  
</style>  
</head>  
<body>  
    <div class="sidenav">  
        <a href="#About">About Us</a>  
        <a href="#Departments">Departments</a>  
        <a href="#vision">Vision And Mission</a>  
        <a href="#Contact">Contact Us</a>  
    </div>  
    <div class="main">  
        <h1>Side Bar Example</h1>  
    </div>  
</body>  
</html>
```

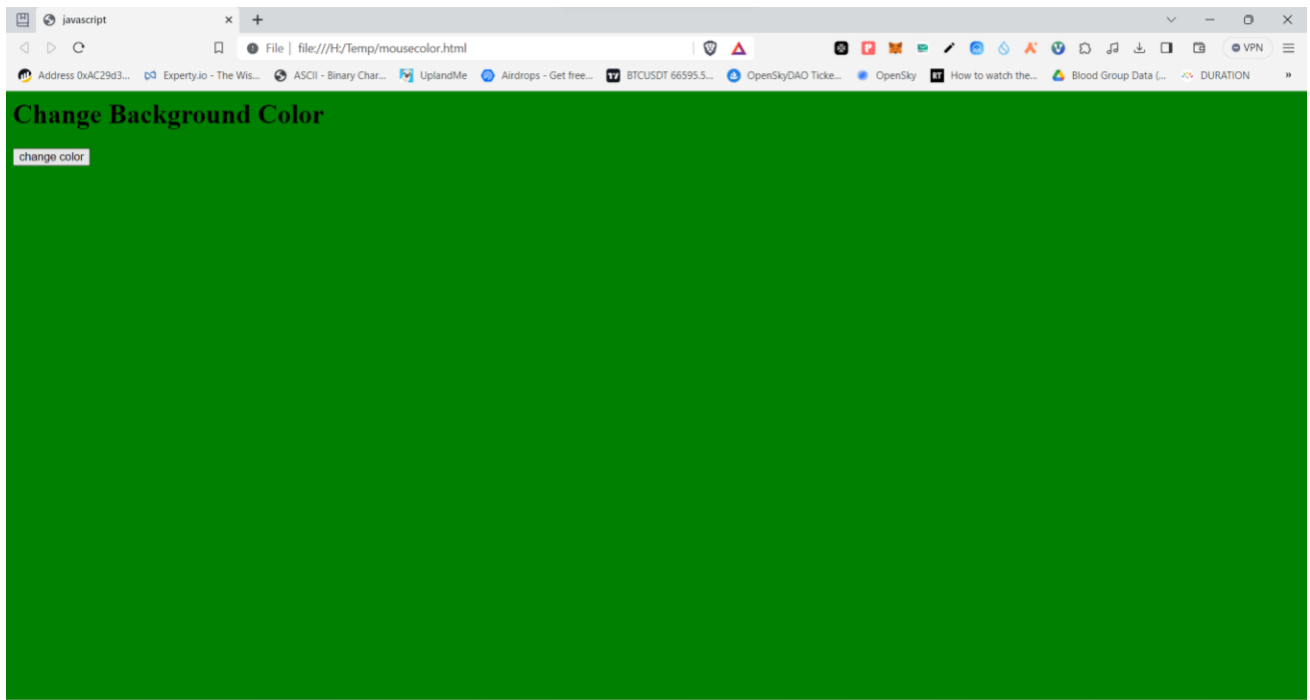
RESULT:

The program has been executed successfully and output verified.

OUTPUT



Single-click: red color



Double-click: green color

MOUSE CLICK EVENTS

AIM:

Develop a web application using JavaScript to change the background color of the webpage when the following events of the button "change background color" occur.

- a. Double click-background color changed to green.
- b. Single click-background color changed to red

SOURCE CODE:

```
<html>
<head>
  <title>JavaScript</title>
</head>
<body>
  <h1>Change Background Color</h1>
  <button id="bgcolor">change color</button>
<script>
  document.getElementById('bgcolor').addEventListener('dblclick',function()
  {
    document.body.style.backgroundColor="green";
  });

  document.getElementById('bgcolor').addEventListener('click',function()
  {
    document.body.style.backgroundColor="red";
  });
</script>
</body>
</html>
```

RESULT:

The program has been executed successfully and output verified.

OUTPUT

BULB



☐ ON ☐ OFF

BULB



☐ ON ☐ OFF

```

        if ( isNaN (mobile) ) {
            alert(" Number should be numeric");
            return false;
        }
        if (mobile == " ") {
            alert("Mobile no. cannot be empty");
            return false;
        }
        else if( !( mobile.match (numformat) ) ){
            alert("Mobile no.should contain 10 digits");
            return false;
        }
        if (email == " "){
            alert("Email cant be empty");
            return false;
        }
        else if ( !( email.match (mailformat) ) ) {
            alert ("Invalid email format")
            return false;
        }
        else
            alert("Successfully submitted");

    }
</script>
</head>

```

OUTPUT

The screenshot shows a web browser window titled "FormValidation" with the address bar displaying "file:///C:/dev/form.html". A modal dialog box is open, displaying the message "This page says" followed by "Number should be numeric". Below the dialog, a form is visible with the following fields: "Name:" with the value "Nashid", "Mobile No:" with the value "abcde", and "Email:" with the value "nashid@gmail". A "submit" button is located below the email field.

Name: Nashid
Mobile No: abcde
Email: nashid@gmail
submit

The screenshot shows the same web browser window. The modal dialog box now displays the message "This page says" followed by "Invalid email format". The form fields are: "Name:" with the value "Nashid", "Mobile No:" with the value "9876543210", and "Email:" with the value "nashid@gmail". The "submit" button remains below the email field.

Name: Nashid
Mobile No: 9876543210
Email: nashid@gmail
submit

The screenshot shows the same web browser window. The modal dialog box now displays the message "This page says" followed by "Successfully submitted". The form fields are: "Name:" with the value "Nashid", "Mobile No:" with the value "9876543210", and "Email:" with the value "nashid@gmail.com". The "submit" button remains below the email field.

Name: Nashid
Mobile No: 9876543210
Email: nashid@gmail.com
submit