# **INDEX**

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| 1 | Create your class time table using table tag. | 05/04/25 | 2 |  |
| 2 | Design a Webpage for your college containing description of courses, department, faculties, library etc. using list tags, href tags, and anchor tags. | 05/04/25 |  |  |
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| 9 | Write an HTML/JavaScript page to create a login page with validations. | 05/04/25 |  |  |
| 10 | Develop a Simple calculator for addition, subtraction, multiplication and  division operation using JavaScript. | 05/04/25 |  |  |
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| 12 | Write a Program to retrieve date from a text file and display it using  AJAX. | 05/04/25 |  |  |
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**Program 1**

**Aim**

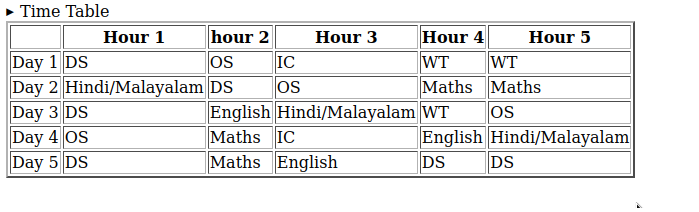
Create your class time table using table tag.

**Program**

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| --- |
| **<!DOCTYPE html>**  **<html>**  **<head>**  **<title>Class Time Table</title>**    **</head>**  **<body>**  **<caption>**  **<details>**  **<summary>Time Table</summary>**  **<p>This table provides the time table BCA</p>**  **</details>**  **</captio>**  **<table border="2">**  **<tr>**  **<th></th>**  **<th>Hour 1</th>**  **<th>hour 2</th>**  **<th>Hour 3</th>**  **<th>Hour 4</th>**  **<th>Hour 5</th>**  **</tr>**  **<tr>**  **<td>Day 1</td>**  **<td>DS</td>**  **<td>OS</td>**    **<td>IC</td>**  **<td>WT</td>**  **<td>WT</td>**  **</tr>**  **<tr>**  **<td>Day 2</td>**  **<td>Hindi/Malayalam</td>**  **<td>DS</td>**  **<td>OS</td>**  **<td>Maths</td>**  **<td>Maths</td>**  **</tr>**  **<tr>**  **<td>Day 3</td>**  **<td>DS</td>**  **<td>English</td>**  **<td>Hindi/Malayalam</td>**  **<td>WT</td>**  **<td>OS</td>**  **</tr>**  **<tr>**  **<td>Day 4</td>**  **<td>OS</td>**  **<td>Maths</td>**  **<td>IC</td>**  **<td>English</td>**  **<td>Hindi/Malayalam</td>**  **</tr>**  **<tr>**  **<td>Day 5</td>**  **<td>DS</td>**  **<td>Maths</td>**  **<td>English</td>**  **<td>DS</td>**  **<td>DS</td>**  **</tr>**  **</body>**  **</html>** |

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**Output**



**Program 2**

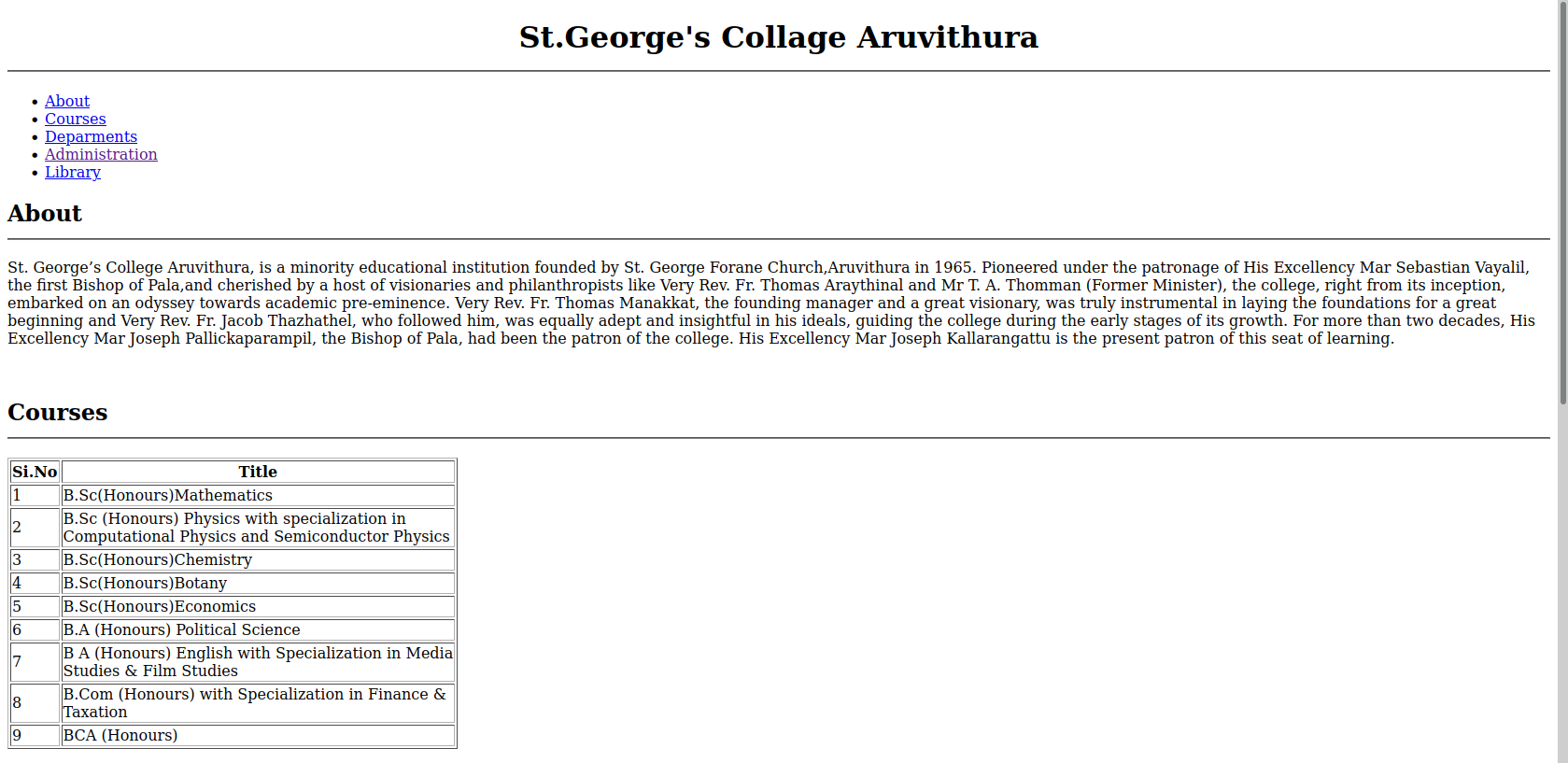
**Aim**

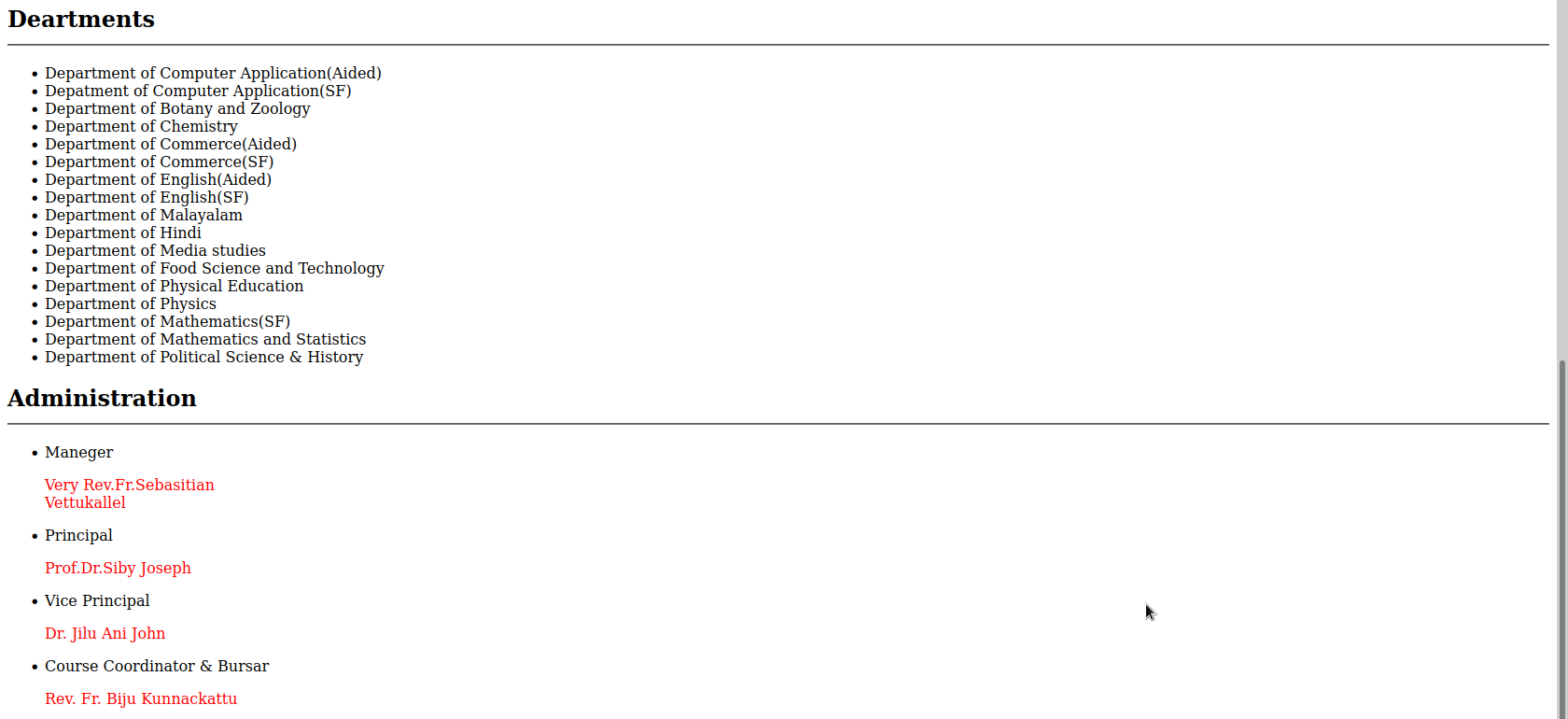
Design a Webpage for your college containing description of courses, department, faculties, library etc. using list tags, href tags, and anchor tags.

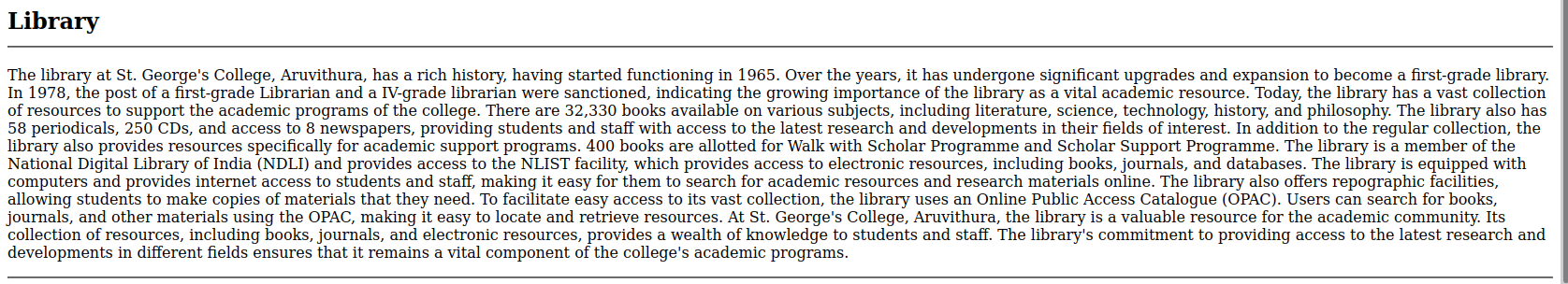
**Program**

|  |
| --- |
| **<!DOCTYPE html>**  **<html>**  **<head>**  **<title>St.George's Collage Aruvithura</title>**  **</head>**  **<body>**  **<div>**  **<h1><center>St.George's**  **Collage Aruvithura<hr></h1>**  **</div>**  **<nav>**  **<ul>**  **<li><a href="#about">About</a></li>**  **<li><a href="#courses">Courses</a></li>**  **<li><a href="#department"> Deparments</a></li>**  **<li><a href="#administration">Administration</a></li>**  **<li><a href="#Library">Library</a></li>**  **</ul>**  **</nav>**  **<div id="about">**  **<h2>About<hr></h2>**  **<p>St. George’s College Aruvithura, is a minority educational institution founded by St. George Forane Church,Aruvithura in 1965. Pioneered under the patronage of His Excellency Mar Sebastian Vayalil, the first Bishop of Pala,and cherished by a host of visionaries and philanthropists like Very Rev. Fr. Thomas Araythinal and Mr T. A. Thomman (Former Minister), the college, right from its inception, embarked on an odyssey towards academic pre-eminence. Very Rev. Fr. Thomas Manakkat, the founding manager and a great visionary, was truly instrumental in laying the foundations for a great beginning and Very Rev. Fr. Jacob Thazhathel, who followed him, was equally adept and insightful in his ideals, guiding the college during the early stages of its growth. For more than two decades, His Excellency Mar Joseph Pallickaparampil, the Bishop of Pala, had been the patron of the college. His Excellency Mar Joseph Kallarangattu is the present patron of this seat of learning.</p>**  **<br>**  **<div id="courses">**  **<h2>Courses<hr></h2>**  **<table border="1">**  **<tr>**  **<th>Si.No</th>**  **<th>Title</th>**  **</tr>**  **<tr>**  **<td>1</td>**  **<td>B.Sc(Honours)Mathematics</td>**  **</tr>**  **<tr>**  **<td>2</td>**  **<td>B.Sc (Honours) Physics with specialization in<br> Computational Physics and Semiconductor Physics</td>**  **</tr>**  **<tr>**  **<td>3</td>**  **<td>B.Sc(Honours)Chemistry</td>**  **</tr>**  **<tr>**  **<td>4</td>**  **<td>B.Sc(Honours)Botany</td>**  **</tr>**  **<tr>**  **<td>5</td>**  **<td>B.Sc(Honours)Economics</td>**  **</tr>**  **<tr>**  **<td>6</td>**  **<td>B.A (Honours) Political Science</td>**  **</tr>**  **<tr>**  **<td>7</td>**  **<td>B A (Honours) English with Specialization in Media <br>Studies & Film Studies </td>**  **</tr>**  **<tr>**  **<td>8</td>**  **<td>B.Com (Honours) with Specialization in Finance &<br> Taxation</td>**  **</tr>**  **<tr>**  **<td>9</td>**  **<td>BCA (Honours)</td>**  **</tr>**  **</table>**  **<div id="department">**  **<h2>Deartments<hr></h2>**  **<ul>**  **<li>Department of Computer Application(Aided)</li>**  **<li>Depatment of Computer Application(SF)</li>**  **<li>Department of Botany and Zoology</li>**  **<li>Department of Chemistry</li>**  **<li>Department of Commerce(Aided)</li>**  **<li>Department of Commerce(SF)</li>**  **<li>Department of English(Aided)</li>**  **<li>Department of English(SF)</li>**  **<li>Department of Malayalam</li>**  **<li>Department of Hindi</li>**  **<li>Department of Media studies</li>**  **<li>Department of Food Science and Technology</li>**  **<li>Department of Physical Education</li>**  **<li>Department of Physics</li>**  **<li>Department of Mathematics(SF)</li>**  **<li>Department of Mathematics and Statistics</li>**  **<li>Department of Political Science & History</li>**      **</ul>**  **<div id="administration">**  **<h2>Administration<hr></h2>**  **<ul>**  **<li>Maneger**  **<p><font color="red">Very Rev.Fr.Sebasitian <br>Vettukallel</font></p>**    **</li>**  **<li>**    **Principal**  **<p><font color="red">Prof.Dr.Siby Joseph</font></p>**  **</li>**  **<li>Vice Principal**  **<p><font color="red">Dr. Jilu Ani John</font></p>**    **</li>**  **<li>Course Coordinator & Bursar**  **<p><font color="red">Rev. Fr. Biju Kunnackattu</font></p>**  **</li>**        **</ul>**  **<div id="Library">**  **<h2>Library<hr></h2>**  **<p>The library at St. George's College, Aruvithura, has a rich history, having started functioning in 1965. Over the years, it has undergone significant upgrades and expansion to become a first-grade library. In 1978, the post of a first-grade Librarian and a IV-grade librarian were sanctioned, indicating the growing importance of the library as a vital academic resource.**  **Today, the library has a vast collection of resources to support the academic programs of the college. There are 32,330 books available on various subjects, including literature, science, technology, history, and philosophy. The library also has 58 periodicals, 250 CDs, and access to 8 newspapers, providing students and staff with access to the latest research and developments in their fields of interest.**  **In addition to the regular collection, the library also provides resources specifically for academic support programs. 400 books are allotted for Walk with Scholar Programme and Scholar Support Programme. The library is a member of the National Digital Library of India (NDLI) and provides access to the NLIST facility, which provides access to electronic resources, including books, journals, and databases.**  **The library is equipped with computers and provides internet access to students and staff, making it easy for them to search for academic resources and research materials online. The library also offers repographic facilities, allowing students to make copies of materials that they need.**  **To facilitate easy access to its vast collection, the library uses an Online Public Access Catalogue (OPAC). Users can search for books, journals, and other materials using the OPAC, making it easy to locate and retrieve resources.**  **At St. George's College, Aruvithura, the library is a valuable resource for the academic community. Its collection of resources, including books, journals, and electronic resources, provides a wealth of knowledge to students and staff. The library's commitment to providing access to the latest research and developments in different fields ensures that it remains a vital component of the college's academic programs.</p>**    **<hr>**  **</body>**  **</html>** |
|  |

**Output**







**Program 3**

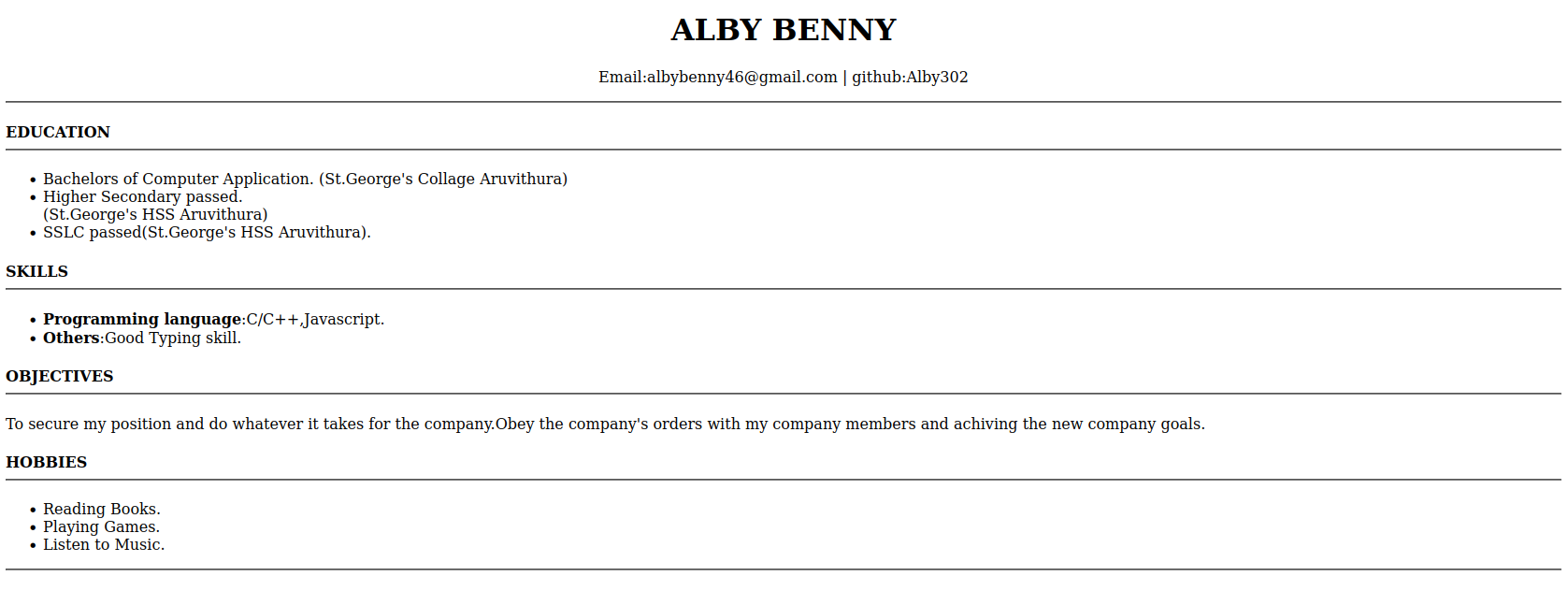
**Aim**

Create your resume using HTML.Use text,link and lists.

**Program**

|  |
| --- |
| **<!DOCTYPE html>**  **<html>**  **<head>**  **<title>Resume</title>**    **</head>**  **<body>**  **<h1><center>ALBY BENNY</h1>**  **<p><center>Email:albybenny46@gmail.com | github:Alby302</center></p><hr>**  **<h4>EDUCATION<hr></h4>**  **<ul>**    **<li>Bachelors of Computer Application. (St.George's Collage Aruvithura)</li>**  **<li>Higher Secondary passed.<br>(St.George's HSS Aruvithura)</li>**  **<li>SSLC passed(St.George's HSS Aruvithura).</li>**    **</ul>**  **<h4>SKILLS<hr></h4>**  **<ul>**  **<li><b>Programming language</b>:C/C++,Javascript.</li>**  **<li><b>Others</b>:Good Typing skill.</li>**    **</ul>**  **<h4>OBJECTIVES<hr></h4>**  **<p>To secure my position and do whatever it takes for the company.Obey the company's orders with my company members and achiving the new company goals.</p>**  **<h4>HOBBIES<hr></h4>**  **<ul>**  **<li>Reading Books.</li>**  **<li>Playing Games.</li>**  **<li>Listen to Music.</li>**      **</ul>**    **<hr>**            **</body>**  **</html>** |
|  |

**Output**

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**Program 4**

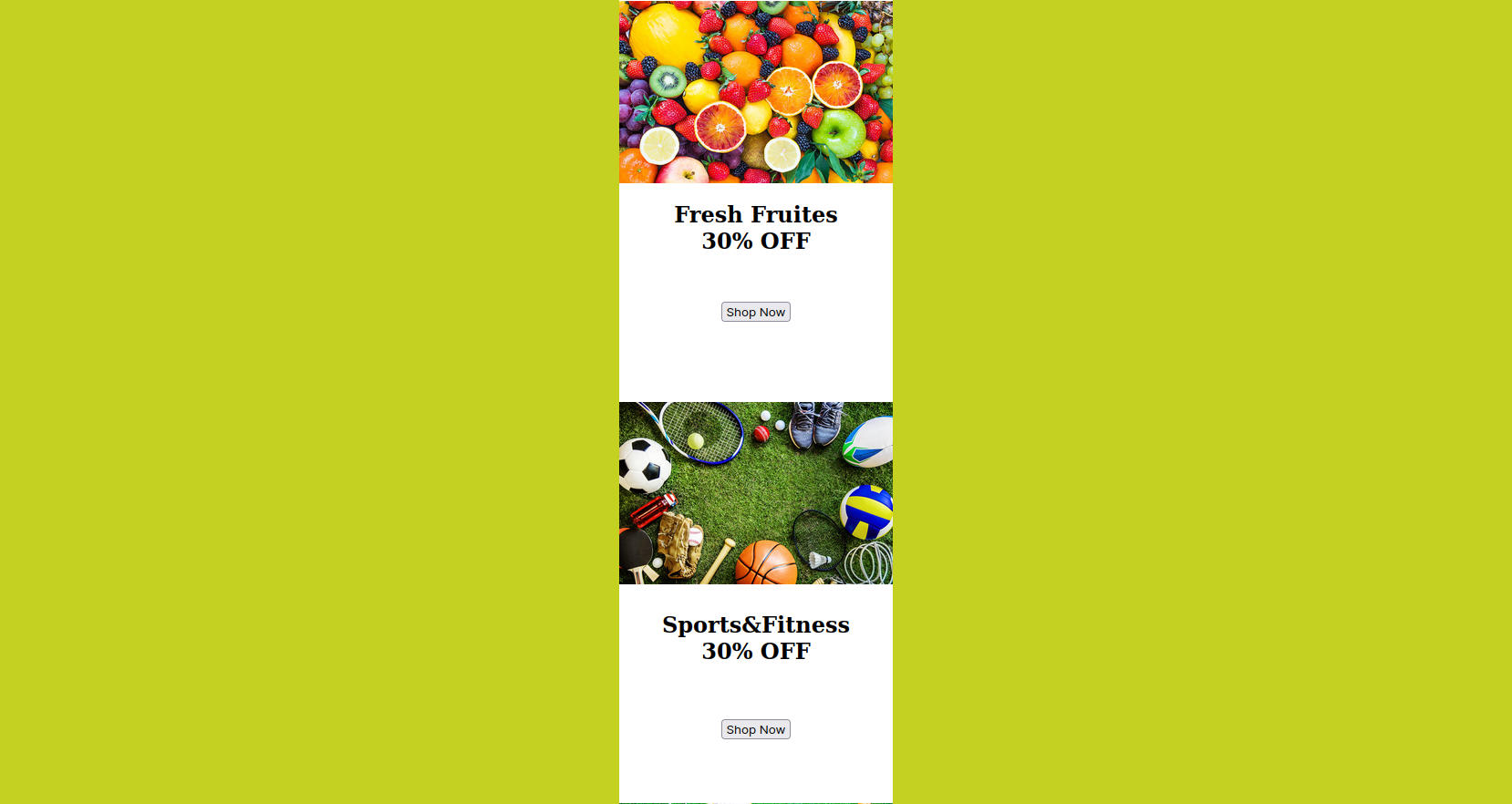
**Aim**

Create a Web Page of a supermarket using (internal CSS).

**Program**

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| --- |
| **<!DOCTYPE html>**  **<html>**  **<head>**  **<title>Supermarket</title>**    **</head>**  **<body>**  **<div class="man">**  **<h1><center><font color="#080102">Supermarket</font></h1></div>**    **<p><font color="brown" size="5" face="Arial"><center><b>Welcome to Our <br>Supermarket</b></font></p>**  **<nav>**  **<a href="#">Home</a>**  **<a href="#">Products</a>**  **<a href="#">Offers</a>**  **<a href="#">Contact</a>**  **</nav>**  **<style>**  **html{**  **background:#c5d121;**  **}**  **nav{**  **background:#e0ebdf;**  **padding:20px;**  **}**  **h1{**  **background:#ffffff;**  **padding:10px;**    **}**      **</style>**  **<br>**  **<div>**  **<div style="width: 300px; height: 440px; background:white;"><img src="/home/student/alby/web/veg.jpeg" style="width:300px; height:200px"></img><p><font size="5"><b><br>Product 1<br>Organic Vegetables<br><br>₹150.00</font><br><br><input type="button" value="Shop now" style="width:100px; height:30px; color:white; background:green;"></p></div>**    **</div>**  **<div>**  **<div style="width: 300px; height: 440px; background:white;"><img src="/home/student/alby/web/fruits.jpg" style="width:300px; height:200px"></img><p><font size="5">Fresh Fruites<br>30% OFF</p><br><input type="button" value="Shop Now">**  **</div>**  **<div>**  **<div style="width: 300px; height: 440px; background:white;"><img src="/home/student/alby/web/sp.jpg" style="width:300px; height:200px"></img><p><font size="5">Sports&Fitness<br>30% OFF</p><br><input type="button" value="Shop Now">**  **</div>**  **</div>**  **<div>**  **<div style="width: 300px; height: 440px; background:white;"><img src="/home/student/alby/web/ft.jpg" style="width:300px; height:200px"></img><p><font size="5">Footwears<br>30% OFF</p><br><input type="button" value="Shop Now">**  **</div>**          **<p style="background:green; color:white; padding:15px;">All Rights Reserved</p>**    **</body>**  **</html>** |
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**Program 5**

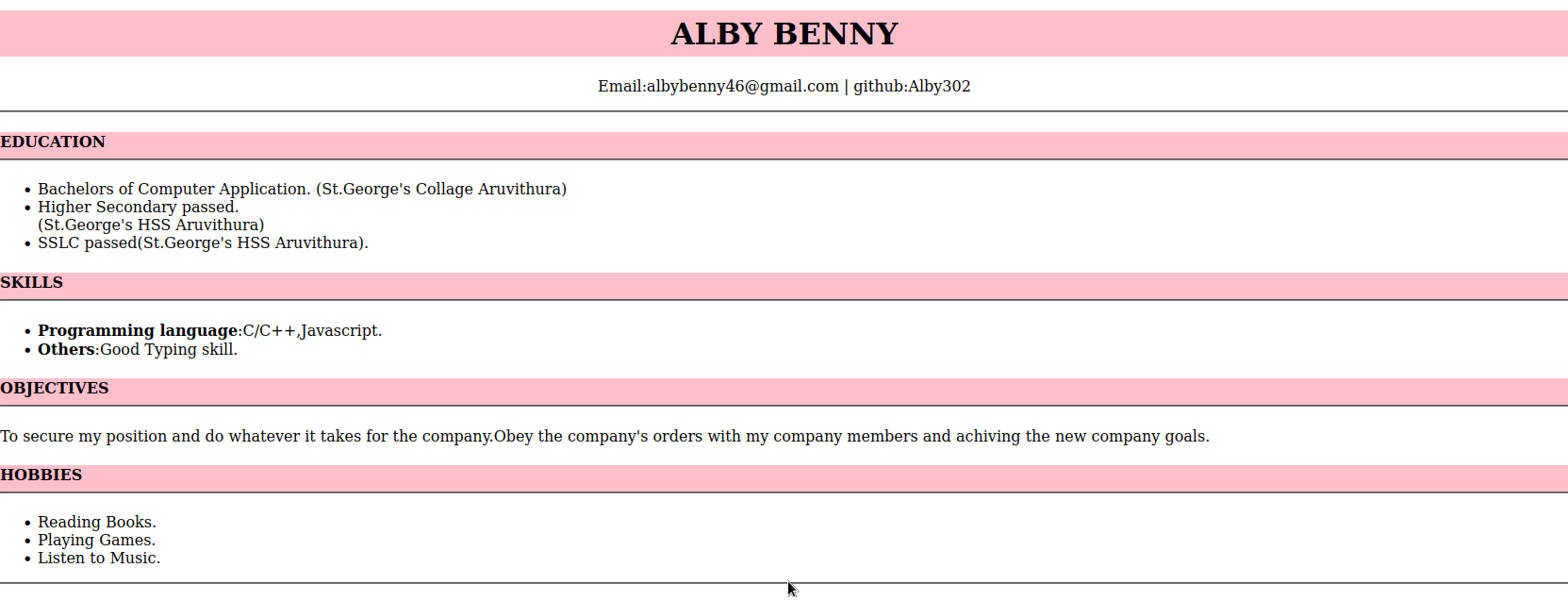
**Aim**

Use inline CSS to format your resume than you have created.

**Program**

|  |
| --- |
| **<!DOCTYPE html>**  **<html>**  **<head>**  **<title>Resume</title>**  **<link href="pgm5.css" rel="stylesheet">**    **</head>**  **<style>**  **h1{**  **background:pink;**  **padding:5px;**  **}**  **</style>**  **<body>**  **<h1><center>ALBY BENNY</h1>**  **<p><center>Email:albybenny46@gmail.com | github:Alby302</center></p><hr>**  **<h4>EDUCATION<hr></h4>**  **<ul>**    **<li>Bachelors of Computer Application. (St.George's Collage Aruvithura)</li>**  **<li>Higher Secondary passed.<br>(St.George's HSS Aruvithura)</li>**  **<li>SSLC passed(St.George's HSS Aruvithura).</li>**    **</ul>**  **<h4>SKILLS<hr></h4>**  **<ul>**  **<li><b>Programming language</b>:C/C++,Javascript.</li>**  **<li><b>Others</b>:Good Typing skill.</li>**    **</ul>**  **<h4>OBJECTIVES<hr></h4>**  **<p>To secure my position and do whatever it takes for the company.Obey the company's orders with my company members and achiving the new company goals.</p>**  **<h4>HOBBIES<hr></h4>**  **<ul>**  **<li>Reading Books.</li>**  **<li>Playing Games.</li>**  **<li>Listen to Music.</li>**      **</ul>**    **<hr>**            **</body>**  **</html>** |
| **CSS**  **h1{**  **font\_color:blue;**  **font\_family:italic;**  **}**  **h4{**  **background:pink;**  **}** |
|  |

**Output**

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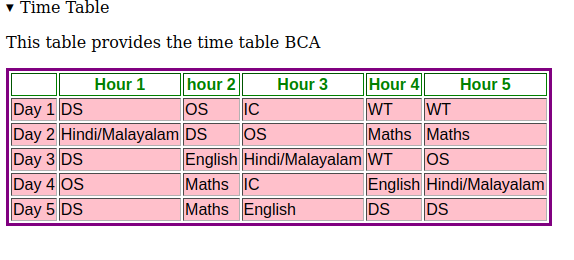
**Program 6**

**Aim**

Use External CSS to format your time table created.

**Program**

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| --- |
| **<!DOCTYPE html>**  **<html>**  **<head>**  **<title>Class Time Table</title>**  **<link href="pgm6.css" rel="stylesheet">**    **</head>**  **<body>**  **<caption>**  **<details>**  **<summary>Time Table</summary>**  **<p>This table provides the time table BCA</p>**  **</details>**  **</captio>**  **<table border="2”>**  **<tr>**  **<th></th>**  **<th>Hour 1</th>**  **<th>hour 2</th>**  **<th>Hour 3</th>**  **<th>Hour 4</th>**  **<th>Hour 5</th>**  **</tr>**  **<tr>**  **<td>Day 1</td>**  **<td>DS</td>**  **<td>OS</td>**  **<td>IC</td>**  **<td>WT</td>**  **<td>WT</td>**  **</tr>**  **<tr>**  **<td>Day 2</td>**  **<td>Hindi/Malayalam</td>**  **<td>DS</td>**  **<td>OS</td>**  **<td>Maths</td>**  **<td>Maths</td>**  **</tr>**  **<tr>**  **<td>Day 3</td>**  **<td>DS</td>**  **<td>English</td>**  **<td>Hindi/Malayalam</td>**  **<td>WT</td>**  **<td>OS</td>**  **</tr>**  **<tr>**  **<td>Day 4</td>**  **<td>OS</td>**  **<td>Maths</td>**  **<td>IC</td>**  **<td>English</td>**  **<td>Hindi/Malayalam</td>**  **</tr>**  **<tr>**  **<td>Day 5</td>**  **<td>DS</td>**  **<td>Maths</td>**  **<td>English</td>**  **<td>DS</td>**  **<td>DS</td>**  **</tr>**  **</body>**  **</html>**  **CSS**  **th{**  **font-family:"Rock salt",arial,sans-serif;**  **color:green;**    **}**  **td{**  **font-family:"helvetica neue",helvetica, arial, sans-serif;**    **}**  **table{**  **border:solid purple;**  **}**  **td{**  **background-color:pink;**  **}** |
|  |

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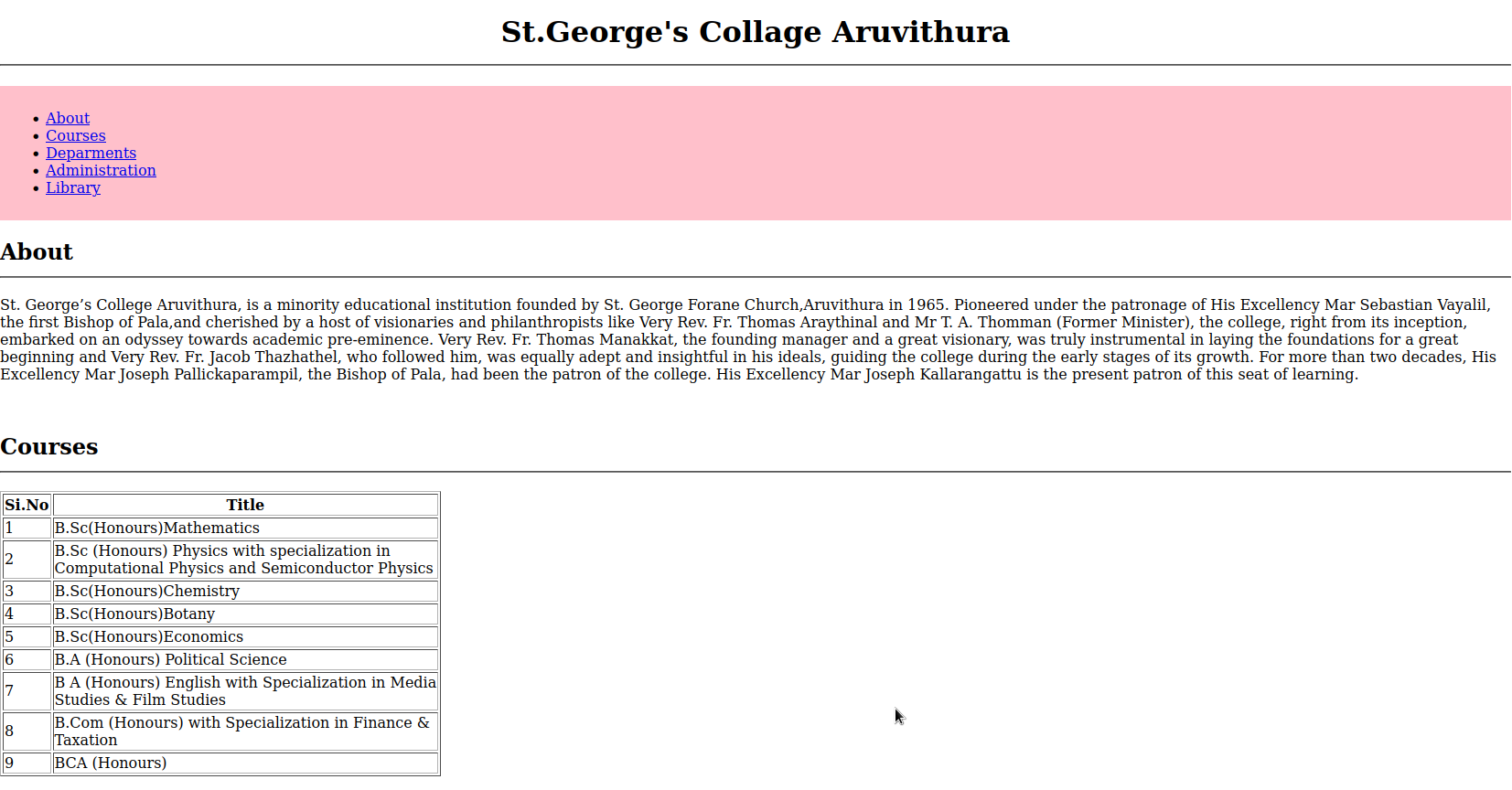
**Program 7**

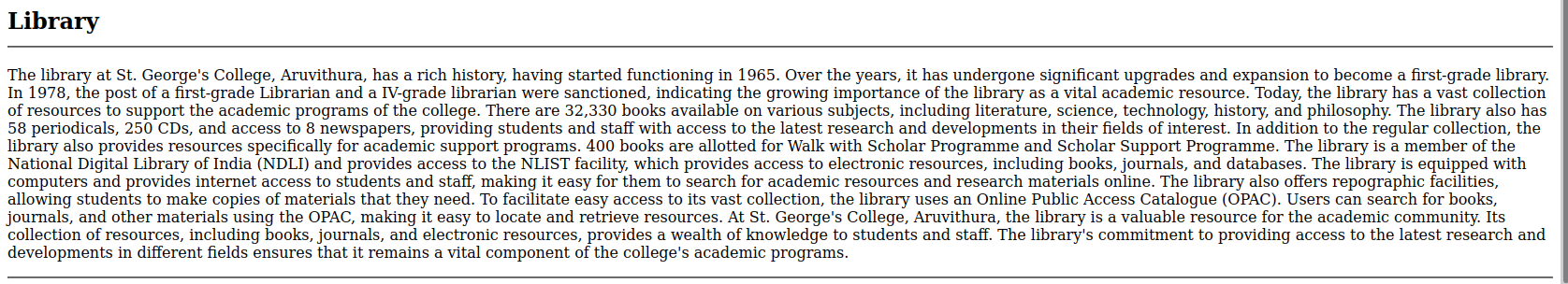
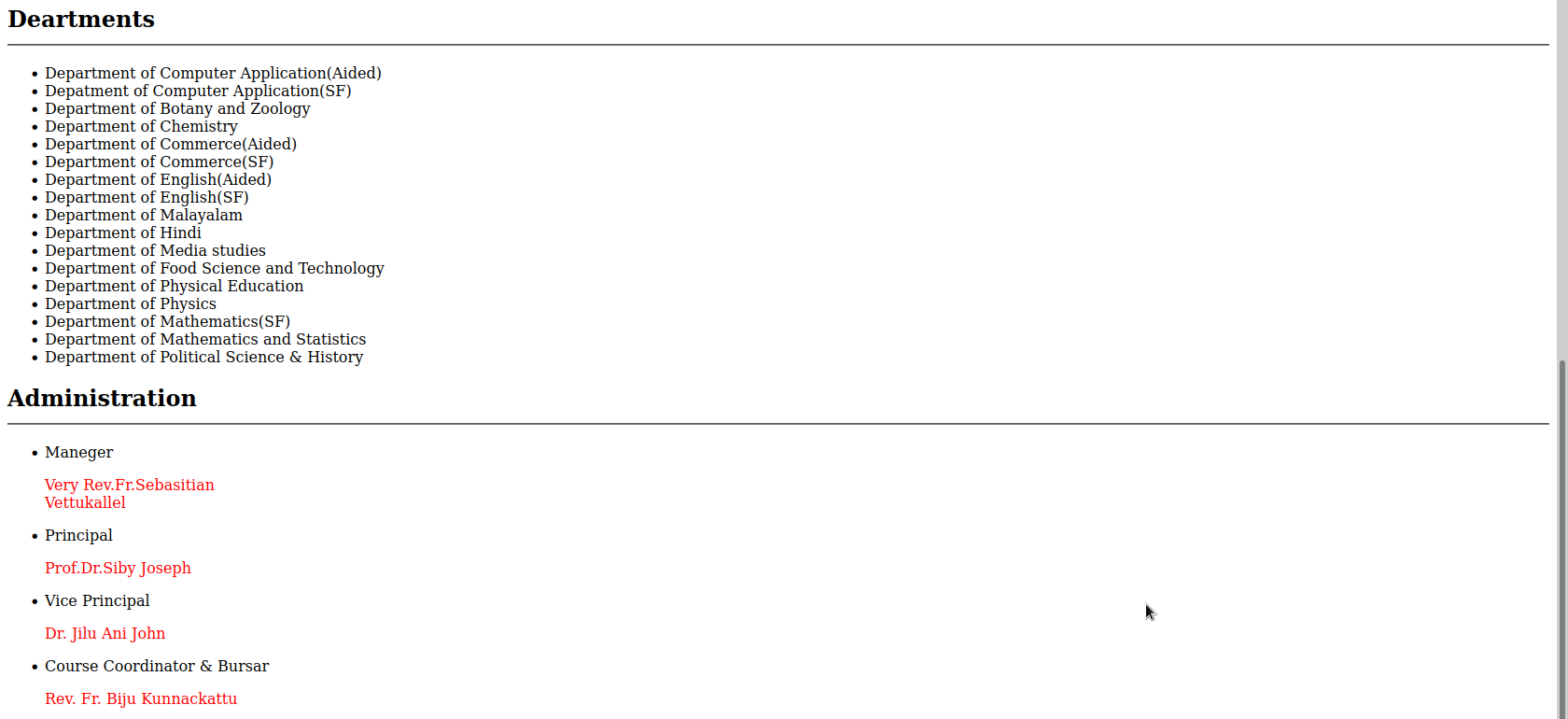
**Aim**

Use all the CSS(inline,internal and external)to format the collage webpage than you have created.

**Program**

|  |
| --- |
| **<!DOCTYPE html>**  **<html>**  **<head>**  **<title>St.George's Collage Aruvithura</title>**    **</head>**  **<style>**  **nav{**  **background:pink;**  **padding:10px;**  **}**  **</style>**  **<body>**  **<div>**  **<h1><center>St.George's**  **Collage Aruvithura<hr></h1>**  **</div>**  **<nav>**  **<ul>**  **<li><a href="#about">About</a></li>**  **<li><a href="#courses">Courses</a></li>**  **<li><a href="#department"> Deparments</a></li>**  **<li><a href="#administration">Administration</a></li>**  **<li><a href="#Library">Library</a></li>**  **</ul>**  **</nav>**  **<div id="about">**  **<h2>About<hr></h2>**  **<p>St. George’s College Aruvithura, is a minority educational institution founded by St. George Forane Church,Aruvithura in 1965. Pioneered under the patronage of His Excellency Mar Sebastian Vayalil, the first Bishop of Pala,and cherished by a host of visionaries and philanthropists like Very Rev. Fr. Thomas Araythinal and Mr T. A. 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| **CSS**  **html{**  **background:#ccc3ab;}**  **h2{ background\_color:#e0cf9f;}** |

****

****

**Program 8**

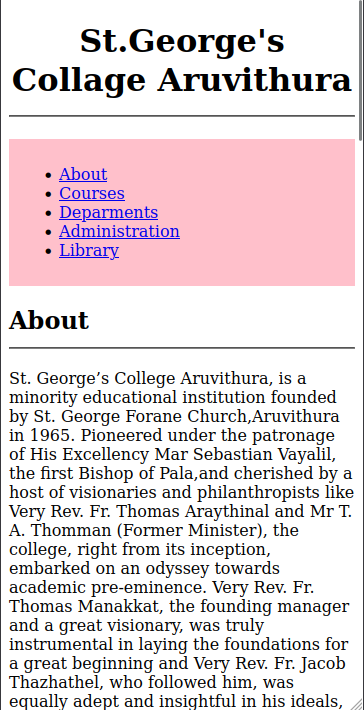
**Aim**

Write an HTML program to create your collage website for mobile devices.

**Program**

|  |
| --- |
| **<!DOCTYPE html>**  **<html>**  **<head>**  **<title>St.George's Collage Aruvithura</title>**  **<meta name="viewport" content="width=device-width,initial-scale=1.0" />**  **</head>**  **<style>**  **nav{**  **background:pink;**  **padding:10px;**  **}**  **</style>**  **<body>**  **<div>**  **<h1><center>St.George's**  **Collage Aruvithura<hr></h1>**  **</div>**  **<nav>**  **<ul>**  **<li><a href="#about">About</a></li>**  **<li><a href="#courses">Courses</a></li>**  **<li><a href="#department"> Deparments</a></li>**  **<li><a href="#administration">Administration</a></li>**  **<li><a href="#Library">Library</a></li>**  **</ul>**  **</nav>**  **<div id="about">**  **<h2>About<hr></h2>**  **<p>St. George’s College Aruvithura, is a minority educational institution founded by St. George Forane Church,Aruvithura in 1965. 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|  |

**Output**

****

**Program 9**

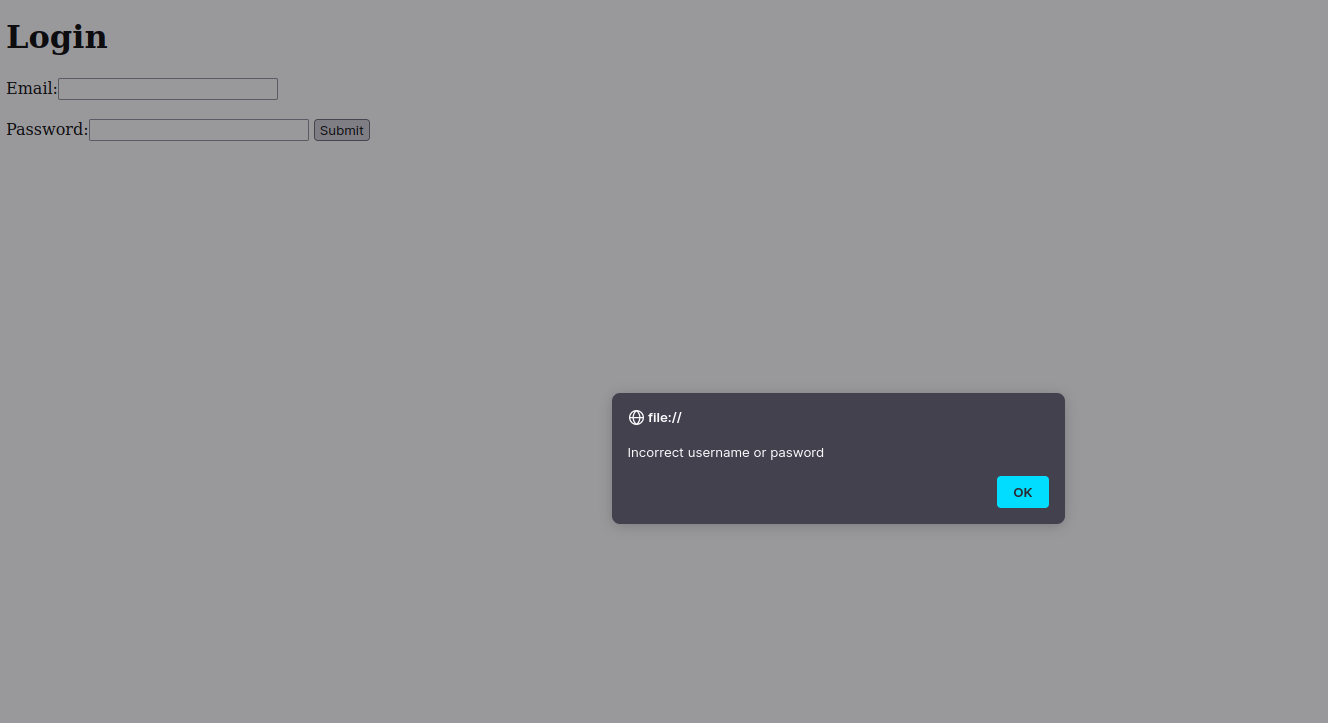
**Aim**

Write an HTML/Javascript page to create a login page with validation.

**Program**

|  |
| --- |
| **<!DOCTYPE html>**  **<html>**  **<head>**  **<title>login</title>**  **<script src="script.js"></script>**  **</head>**  **<body>**  **<h1>Login</h1>**  **Email:<input id="email" type="email">**  **<br>**  **<br>**  **Password:<input type="password" id="password">**  **<input type="button" value="Submit" onclick="validEmail()">**  **</body>**  **</html>**  **Javascript**  **function validEmail()**  **{**  **let em=document.getElementById("email").value;**  **let pass=document.getElementById("password").value;**  **if(em.trim()==""||pass.trim()=="")**  **{**  **alert("Incorrect username or pasword");**  **}**  **}** |
|  |

**Output**

****

**Program 10**

**Aim**

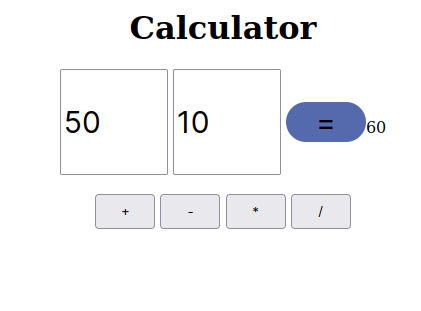
Develop a Simple calculator for addition, subtraction, multiplication and

division operation using JavaScript.

**Program**

|  |
| --- |
| **<!DOCTYPE html>**  **<html>**  **<head>**  **<title>Addition</title>**  **<link rel="stylesheet" href="styles.css">**  **<style>**  **.inp**  **{**  **font-size:30px;**  **}**    **</style>**  **</head>**  **<body>**  **<h1>Calculator</h1>**  **<input type="text" size="4"class="inp" id="inp1">**  **<input type="text" size="4"class="inp" id="inp2">**  **<input type="button" value="="class="bt" onclick="add()"><span id="res">0</span>**  **<br>**  **<br>**  **<span class="op">**  **<input type="button" value="+" class="op" onclick="add()">**  **<input type="button" value="-" class="op" onclick="subtraction()">**  **<input type="button" value="\*" class="op" onclick="multiplication()">**  **<input type="button" value="/" class="op" onclick="division()">**  **</span>**  **<script>**  **function add()**  **{**  **var a=Number(document.getElementById("inp1").value);**  **var b=Number(document.getElementById("inp2").value);**  **var c=a+b;**  **document.getElementById("res").innerHTML=c;**  **}**  **function subtraction()**  **{**  **var a=Number(document.getElementById("inp1").value);**  **var b=Number(document.getElementById("inp2").value);**  **var c=a-b;**  **document.getElementById("res").innerHTML=c;**  **}**  **function multiplication()**  **{**  **var a=Number(document.getElementById("inp1").value);**  **var b=Number(document.getElementById("inp2").value);**  **var c=a\*b;**  **document.getElementById("res").innerHTML=c;**  **}**  **function division()**  **{**  **var a=Number(document.getElementById("inp1").value);**  **var b=Number(document.getElementById("inp2").value);**  **var c=a/b;**  **document.getElementById("res").innerHTML=c;**  **}**  **</script>**  **</body>**  **</html>** |
|  |

**Output**

****

**Program 11**

**Aim**

Use Regular Expressions for validations in Login Page using JavaScript.

**Program**

**<DOCTYPE html>**

**<html>**

**<head>**

**<title>login</title>**

**<script src="script2.js"></script>**

**</head>**

**<body>**

**<h1>Login</h1>**

**Email:<input id="em" type="email">**

**<br>**

**<br>**

**Password:<input type="password" id="ps">**

**<input type="button" value="Submit" onclick="validate()">**

**</body>**

**</html>**

**Javascript**

**function validate()**

**{**

**let email=document.getElementById("em").value;**

**let password=document.getElementById("ps").value;**

**let emailpattern = /^.+@.+$/;**

**if(email.trim()==""||password.trim()=="")**

**{**

**alert("Incorrect username or pasword");**

**}**

**else if(!emailpattern.test(email))**

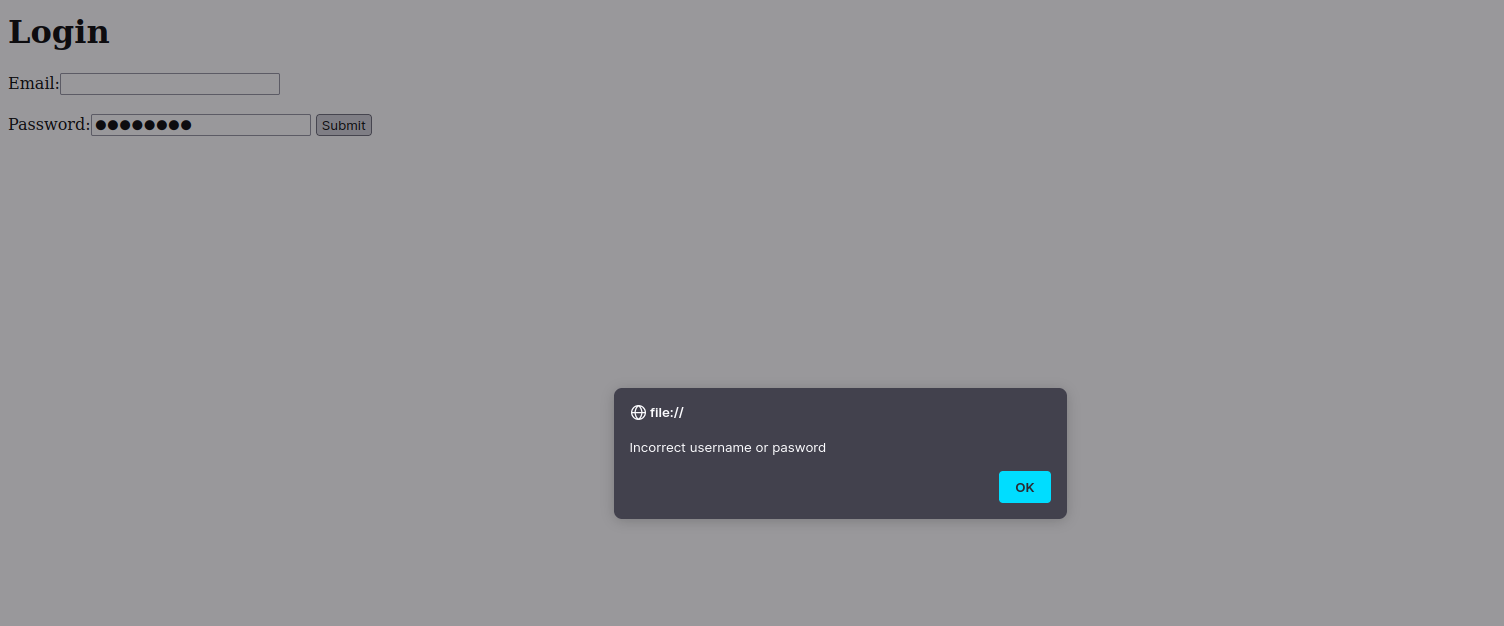
**{**

**alert("incorrect username");**

**}**

**}**

**Output**

****

**Program 12**

**Aim**

Write a Program to retrieve date from a text file and display it using

AJAX.

**Program**

**<!DOCTYPE html>**

**<html>**

**<head>**

**</head>**

**<body>**

**<input type="button" value="load date" onclick="loadDate()">**

**<br>**

**<br>**

**<p><span id="dateDisplay">Date:</span>**

**</p>**

**<script>**

**function loadDate()**

**{**

**let xhr=new XMLHttpRequest();**

**xhr.open("GET","date.txt",true);**

**xhr.onload=function()**

**{**

**if(xhr.status===200)**

**{**

**document.getElementById("dateDisplay").innerText=xhr.responseText;**

**}**

**}**

**xhr.send();**

**}**

**</script>**

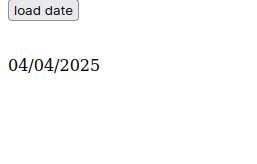
**</body>**

**</html>**

**date.txt**

**04/04/2025**

**Output**



**Program 13**

**Aim**

Write an HTML program to create your collage website for mobile devices.

**Program**

**Frame.html**

**<!DOCTYPE html>**

**<html>**

**<head>**

**<title>frame</title>**

**</head>**

**<frameset rows="10%,\*,10%">**

**<frame name="header"src="header.html"/>**

**<frameset cols="25,75">**

**<frame src="left.html"/>**

**<frame name="right"/>**

**</frameset>**

**<frame name="status" src="status.html"/>**

**</frameset>**

**left.html**

**<!DOCTYTPE html>**

**<html>**

**<head>**

**<title>left frame</title>**

**</head>**

**<body>**

**<ul>**

**<li><a href="https://sgcaruvithura.ac.in/" target="right">Collage</a></li>**

**<li><a href="https://www.google.co.in/" target="right">google</a></li>**

**</ul>**

**</body>**

**</html>**

**Status.html**

**<!DOCTYPE html>**

**<html>**

**<head>**

**<title>status</title>**

**</head>**

**<body>**

**<h3>Thank you for visiting</h3>**

**</body>**

**</html>**

**header.html**

**<!DOCTYPE html>**

**<html>**

**<head>**

**<title>header</title>**

**</head>**

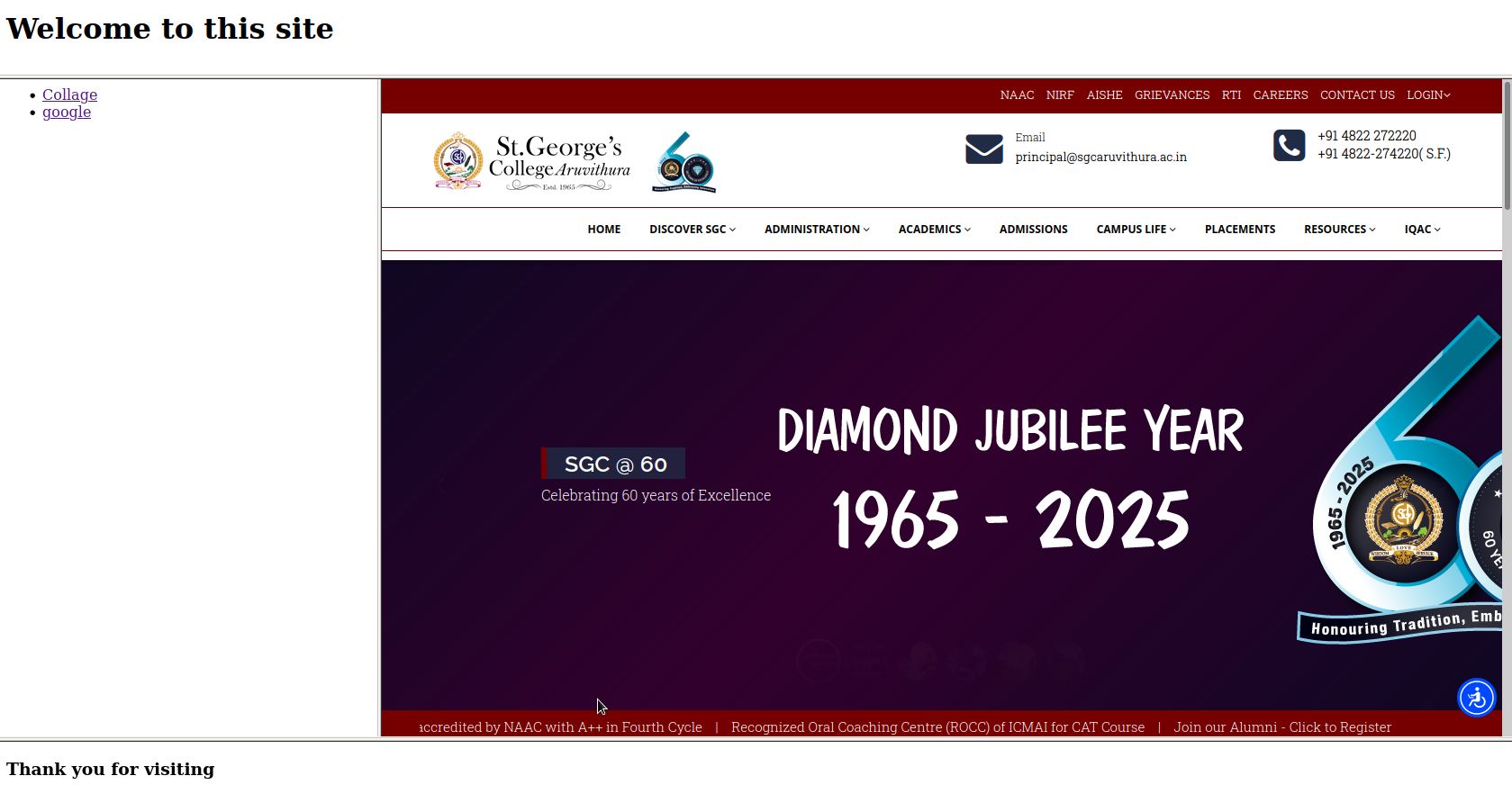
**<body>**

**<h1>Welcome to this site</h1>**

**</body>**

**</html>**

**Output**

****