National Institute of Technology, Tiruchirappalli



Department of Computer Applications

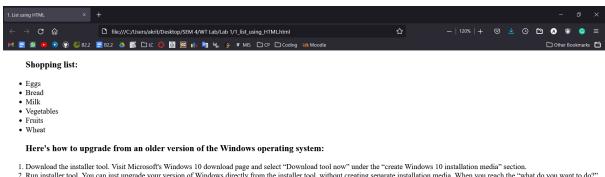
Web Technology and its Applications Lab Lab 1

Submitted to: Submitted by:

Dr. Balaji Banothu Akriti Upadhyay 205120007

MCA – 2nd Year

1. Create a List by using HTML

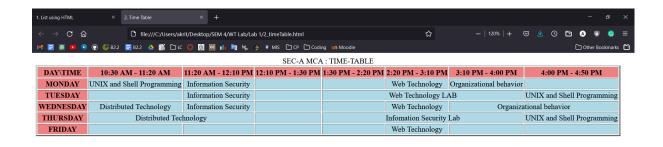


- 2. Run installer tool. You can just upgrade your version of Windows directly from the installer tool, without creating separate installation media. When you reach the "what do you want to do?" section, select "Upgrade this PC now."

 3. Complete Windows 10 installation. Now the installer tool will guide you through the rest of the process. Just follow the steps to complete the installation process and you'll have Windows 10
- installed on your device at the end of it.

```
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                                                 へ 🎅 🌿 🔱 ENG 寮 Φ) 🖆 04-01-2022
<!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,</pre>
initial-scale=1.0">
   <title>1. List using HTML</title>
</head>
<body>
   <l
       <h3>Shopping list:</h3>
       Eggs
       Bread
       Milk
       Vegetables
       Fruits
       Wheat
   <01>
       <h3>Here's how to upgrade from an older version of the Windows
operating system:</h3>
```

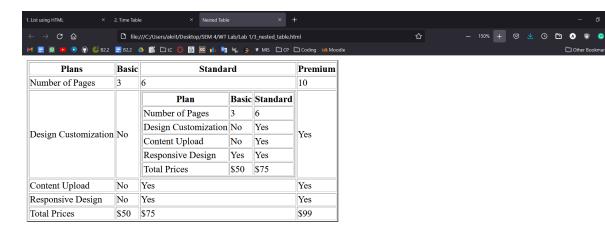
2. Create Time Table of MCA A section by using HTML



```
<meta name="viewport" content="width=device-width,</pre>
initial-scale=1.0">
  <title>2. Time Table</title>
  <style>
        background-color: lightcoral;
        background-color: lightblue;
  </style>
</head>
<body>
  <caption>SEC-A MCA : TIME-TABLE</caption>
        DAY\TIME
        10:30 AM - 11:20 AM
        11:20 AM - 12:10 PM
        12:10 PM - 1:30 PM
        1:30 PM - 2:20 PM
        2:20 PM - 3:10 PM
        3:10 PM - 4:00 PM
        4:00 PM - 4:50 PM
     MONDAY
        UNIX and Shell Programming
        Information Security
        Web Technology
        Organizational behavior
        TUESDAY
        Information Security
```

```
Web Technology LAB
     UNIX and Shell Programming
   WEDNESDAY
     Distributed Technology
     Information Security
     Web Technology
     Organizational behavior
   THURSDAY
     Distributed Technology
     Information Security Lab
     UNIX and Shell Programming
   FRIDAY
     Web Technology
     </body>
</html>
```

3. Create a Nested table by using HTML

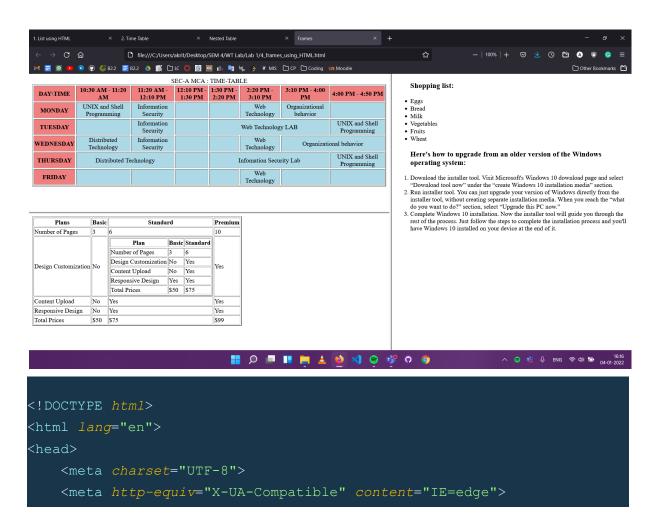


```
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                                            へ 🤤 🥰 🖟 ENG 零 🕬 🖆 04-01-2022
<!DOCTYPE html>
<html lang="en">
<head>
   <meta <pre>charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width,</pre>
initial-scale=1.0">
   <title>Nested Table</title>
</head>
<body>
   Plans
         Basic
         Standard
         Premium
      Number of Pages
         3
         6
         10
      Design Customization
         No
```

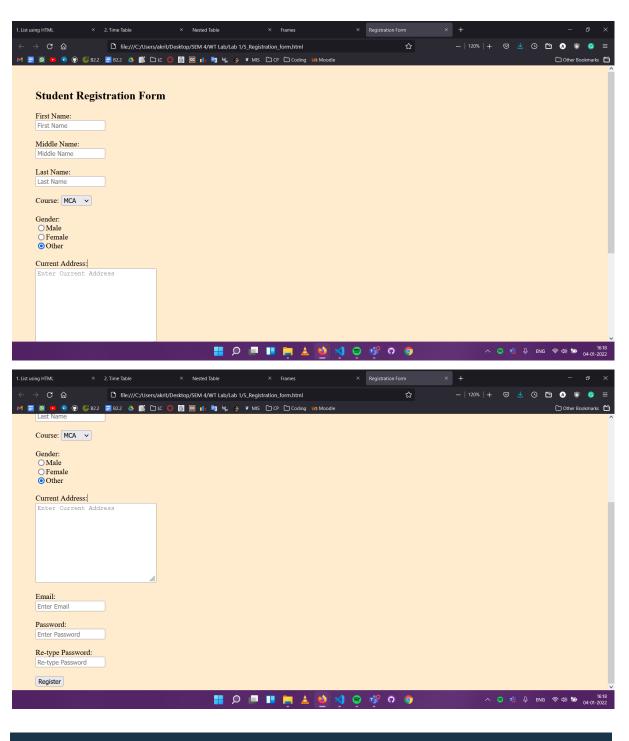
```
Plan
     Basic
     Standard
    Number of Pages
     6
    Design Customization
     No
     Yes
    Content Upload
     No
     Yes
    Responsive Design
     Yes
     Yes
    Total Prices
     $50
     $75
    Yes
Content Upload
 No
 Yes
 Yes
```

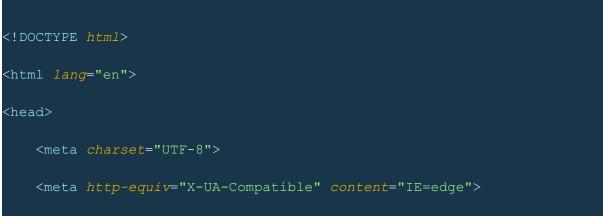
```
Responsive Design
No
No
No
Yes
```

4. Create Frames by using HTML



5. Create a Registration form by using HTML

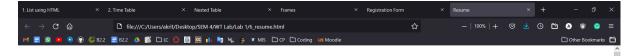




```
<meta name="viewport" content="width=device-width,</pre>
initial-scale=1.0">
    <title>Registration Form</title>
    <style>
        body{
            background-color: blanchedalmond;
            margin-left: 50px;
            margin-top: 50px;
    </style>
</head>
<body>
    <form <pre>action="#">
        <h2>Student Registration Form</h2>
        <label for="fname">First Name:</label><br>
        <input type="text" name="fname" id="fname" placeholder="First</pre>
Name">
        <label for="mname">Middle Name:</label><br>
        <input type="text" name="mname" id="mname" placeholder="Middle</pre>
Name">
        <br><br><br>>
        <label for="lname">Last Name:</label><br>
        <input type="text" name="lname" id="lname" placeholder="Last</pre>
Name">
        <br><br><br>>
        <label for="course">Course: </label>
```

```
<select name="select" id="course">
            <option value="mca">MCA</option>
            <option value="msc">MSc</option>
            <option value="mtech">Mtech</option>
            <option value="btech">Btech</option>
        </select>
        <br><br><br>></pr>
        <label for="gender">Gender:</label><br>
        <input type="radio" name="gender" id="gender" value="male"</pre>
checked>Male<br>
        <input type="radio" name="gender" id="gender" value="female"</pre>
checked>Female<br>
        <input type="radio" name="gender" id="gender" value="other"</pre>
checked>Other
        <br><br><br>>
        <label for="add">Current Address:</label><br>
        <textarea name="address" id="add" cols="30" rows="10"</pre>
placeholder="Enter Current Address"></textarea>
        <br><br><br>>
        <label for="email">Email:</label><br>
        <input type="email" name="email" id="email" placeholder="Enter</pre>
Email">
        <label for="pass">Password:</label><br>
        <input type="password" name="password" id="pass"</pre>
placeholder="Enter Password">
```

6. Create Resume by using HTML





AKRITI UPADHYAY

Master of Computer Applications

Gender: Female E-mail: tp@nitt.edu Contact: +91-431-2501081



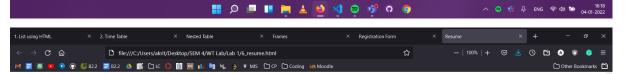
Career Objective:

Looking for a challenging role in a reputable organization to utilize my technical, database, and management skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the IT sector.

Educational Qualifications:

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2023	MCA	NIT, Trichy	9.3*
2020	B.Sc. (Hons) Computer Science	Shaheed Rajguru College of Applied Sciences for Women (University of Delhi)	9.02
2017	Class XII	Kendriya Vidyalaya, Noida, CBSE	90.5%
2015	Class X	Kendriya Vidyalaya, Noida, CBSE	10

Academic Achievements:



Academic Achievements:

- DAAD HSK Scholarship: Awarded the prestigious DAAD-HSK Scholarship by DAAD (German Academic Exchange Service) to pursue a fully-funded Summer Course on "German for Technicians and Engineers" at Technische Universität (TU), Wildau, Germany in August'21
 AIR 15: NINCET'20 (NIT MCA Common Entrance Test)
 Clevel (Karle level) in the German Language, recognized by GOETHE Institute, Hamburg
 Scholarship for PASCH German Language Camp: Invited to attend a three-week-long International PASCH German Language Camp held at St. Peter-Ording, Germany, on full scholarship

Projects:

- Online Competitive Event constituting three categories of Challenges: Riddles, Decoding pictures, and Capture the Flag (CTF)
 Organized under Innovac'21, the Tech-Fest of Parallel Computing Club of CA Dept. of NIT Trichy, having 90+ Student participation
 Tech stack: HTML, CSS, JavaScript, Bootstrap, and PHP
- SourceCode

WEB PORTFOLIO

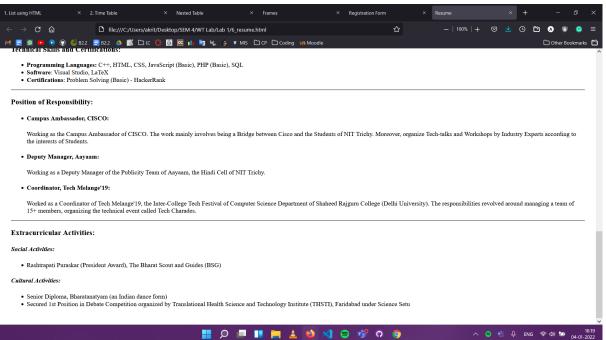
- Personal Portfolio Website, reflecting my achievements and capabilities
 Tech stack: HTML, CSS, and JavaScript
 SourceCode

Areas of Interest:

- Data Structure and Algorithms
 Database Management Systems
 Operating Systems
 Computer Networks

Technical Skills and Certifications:





```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width,</pre>
initial-scale=1.0">
   <title>Resume</title>
   <style>
       body{
          padding: 20px;
       tr{
           text-align: center;
       header{
          display: flex;
          justify-content: center;
          align-items: center;
   </style>
</head>
<body>
   <header>
       <img src="nittlogo.png" alt="" height="200px" width="200px">
```

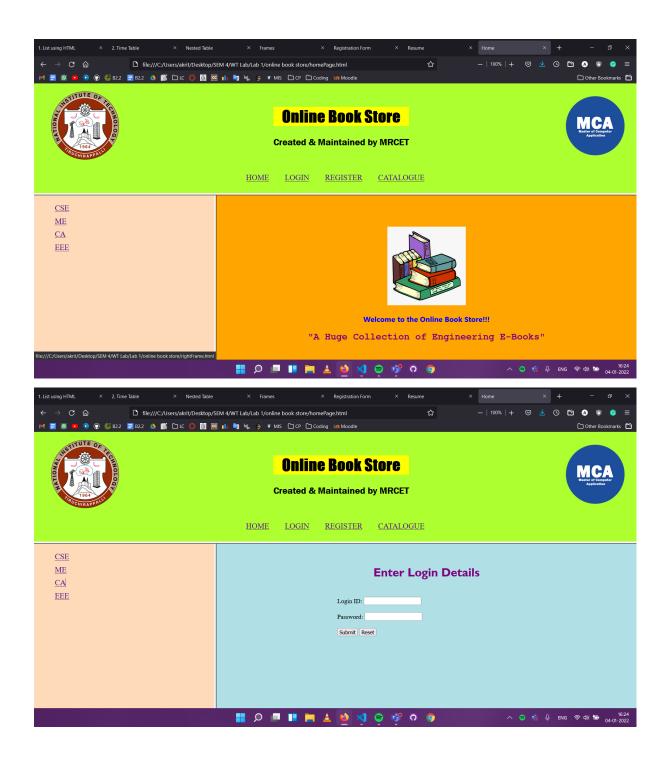
```
<h1>AKRITI UPADHYAY</h1>
        <h3>Master of Computer Applications</h3>
        <h3>Gender: Female</h3>
        <h3>E-mail: tp@nitt.edu</h3>
        <h3>Contact: +91-431-2501081</h3>
     <img src="mypic.jpg" alt="" height="200px" width="180px">
   </header>
  <main>
     <hr>
     <h3>Career Objective:</h3>
     Looking for a challenging role in a reputable organization
to utilize my technical, database, and management skills for the growth
of the organization as well as to enhance my knowledge about new and
emerging trends in the IT sector.
     <h3>Educational Qualifications:</h3>
     Year
           >Degree/Examination
           Institution/Board
           CGPA/Percentage
        2023
           MCA
           NIT, Trichy
           9.3*
        2020
           B.Sc. (Hons) Computer Science
           Shaheed Rajguru College of Applied Sciences for
Women (University of Delhi)
           9.02
        2017
           Class XII
           Kendriya Vidyalaya, Noida, CBSE
           90.5%
```

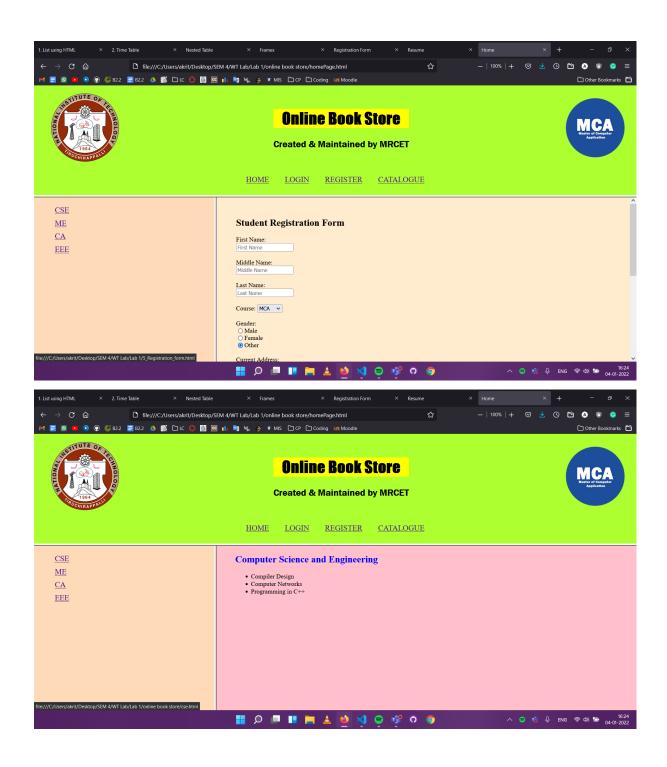
```
2015
              Class X
              Kendriya Vidyalaya, Noida, CBSE
              10
          <br>
       <hr>
       <h3>Academic Achievements:</h3>
           <b>DAAD HSK Scholarship:</b> Awarded the prestigious
DAAD-HSK Scholarship by DAAD (German Academic Exchange Service) to
pursue a fully-funded Summer Course on "German for Technicians and
Engineers" at Technische Universität (TU), Wildau, Germany in
August&<mark>apos;</mark>21
          <b>AIR 15:</b> NIMCET&apos;20 (NIT MCA Common Entrance
Test)
          <b>C2 Level (Native level) in the German Language</b>,
recognized by GOETHE Institute, Hamburg
          <b>Scholarship for PASCH German Language Camp:</b>
Invited to attend a three-week-long International PASCH German Language
Camp held at St. Peter-Ording, Germany, on full scholarship
       <h3>Projects:</h3>
       <l
          <1i>>
              <h4>MIND MATRIX:</h4>
              <111>
                  Online Competitive Event constituting three
categories of Challenges: Riddles, Decoding pictures, and Capture the
Flag (CTF) 
                  Organized under Innovac'21, the Tech-Fest
of Parallel Computing Club of CA Dept. of NIT Trichy, having 90+
Student participation
                  Tech stack: HTML, CSS, JavaScript, Bootstrap,
and PHP
                  <1i><a
href="https://github.com/akriti-upadhyay/Mind-Matrix.git">SourceCode</a</pre>
>
```

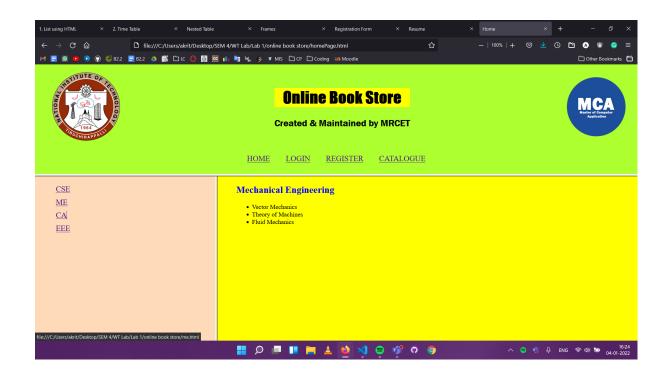
```
<1i>>
              <h4>WEB PORTFOLIO</h4>
                  Personal Portfolio Website, reflecting my
achievements and capabilities
                  Tech stack: HTML, CSS, and JavaScript
                  <1i><a
href="https://github.com/akriti-upadhyay/Web-Portfolio.git">SourceCode<</pre>
/a>
              <hr>
       <h3>Areas of Interest:</h3>
          Data Structure and Algorithms
          Database Management Systems
          Operating Systems
          Computer Networks
       <hr>
       <h3>Technical Skills and Certifications:</h3>
       <l
          <b>Programming Languages:</b> C++, HTML, CSS,
JavaScript (Basic), PHP (Basic), SQL
          <b>Software</b>: Visual Studio, LaTeX
          <b>Certifications</b>: Problem Solving (Basic) -
HackerRank
       <hr>
       <h3>Position of Responsibility:</h3>
       <l
          <1i>>
              <h4>Campus Ambassador, CISCO:</h4>
              Working as the Campus Ambassador of CISCO. The work
mainly involves being a Bridge between Cisco and the Students of NIT
Trichy. Moreover, organize Tech-talks and Workshops by Industry Experts
according to the interests of Students.
          <h4>Deputy Manager, Aayaam: </h4>
              Working as a Deputy Manager of the Publicity Team of
Aayaam, the Hindi Cell of NIT Trichy.
```

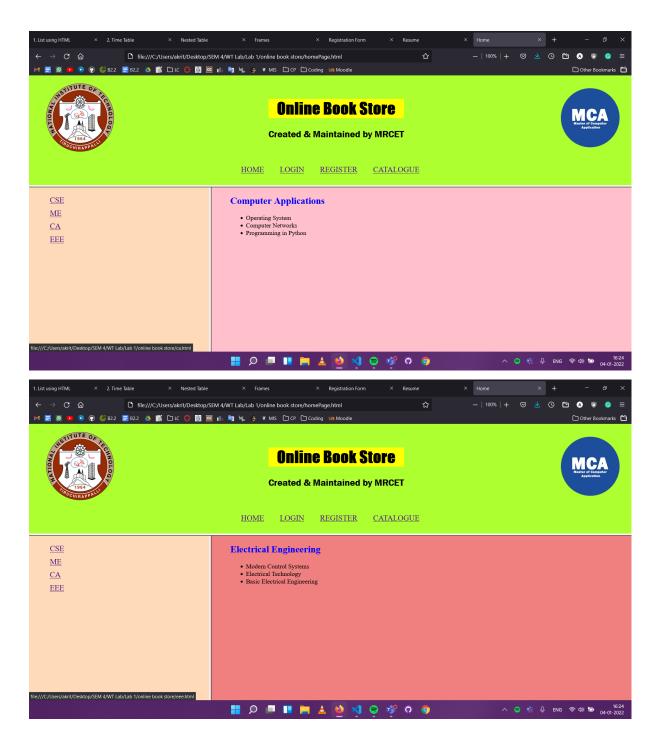
```
<1i>>
              <h4>Coordinator, Tech Melange&apos;19: </h4>
              Worked as a Coordinator of Tech Melange' 19, the
Inter-College Tech Festival of Computer Science Department of Shaheed
Rajguru College (Delhi University). The responsibilities revolved
around managing a team of 15+ members, organizing the technical event
called Tech Charades.
          <hr>
       <h3>Extracurricular Activities:</h3>
       <h4><i>Social Activities:</i></h4>
           Rashtrapati Puraskar (President Award), The Bharat
Scout and Guides (BSG)
       <h4><i>Cultural Activities:</i>
           Senior Diploma, Bharatanatyam (an Indian dance)
form) 
           Secured 1st Position in Debate Competition organized
by Translational Health Science and Technology Institute (THSTI),
Faridabad under Science Setu
       </main>
</body>
</html>
```

7. Design the following static web pages required for online book store.









• homePage.html

topFrame.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta <pre>charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width,</pre>
initial-scale=1.0">
    <title>Document</title>
    <style>
        body{
            background-color: greenyellow;
        header{
            display: flex;
            justify-content: center;
        ul{
           padding: 0 400px 0 380px;
            background-color: yellow;
```

```
font-family: Impact, Haettenschweiler, 'Arial Narrow
Bold', sans-serif;
       h2{
           text-align: center;
           font-family: 'Franklin Gothic Medium', 'Arial
Narrow', Arial, sans-serif;
       nav{
           display: flex;
           justify-content: center;
       a {
   </style>
</head>
<body>
   <header>
       <img src="../nittlogo.png" alt="nittlogo" height="200px"</pre>
width="200px">
       <h1>Online Book Store</h1>
           <h2>Created & Maintained by MRCET</h2>
       <img src="../mcalogo.png" alt="mcalogo" height="150px"</pre>
width="150px">
   </header>
   <nav>
       <a href="rightFrame.html" target="right">HOME</a>
       <a href="login form.html" target="right">LOGIN</a>
       <a href="../5 Registration form.html"
target="right">REGISTER</a>
       <a href="cse.html" target="right">CATALOGUE</a>
   </nav>
</body>
</html>
```

leftFrame.html

```
<!DOCTYPE html>
```

```
<html lang="en">
<head>
   <meta <pre>charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width,</pre>
initial-scale=1.0">
   <title>Left</title>
   <style>
      body{
          background-color: peachpuff;
      a {
      li{
          padding: 5px;
   </style>
</head>
<body>
   <a href="cse.html" target="right">CSE</a>
       <a href="me.html" target="right">ME</a>
       <a href="ca.html" target="right">CA</a>
       <a href="eee.html" target="right">EEE</a>
   </body>
</html>
```

rightFrame.html

```
margin-top: 80px;
        h3{
            color: blue;
            font-family: 'Segoe UI', Tahoma, Geneva, Verdana,
sans-serif;
        h2{
            color: purple;
            font-family: 'Courier New', Courier, monospace;
    </style>
</head>
<body>
    <img src="../books.png" alt="books" height="200px"</pre>
width="200px">
    <h3>Welcome to the Online Book Store!!!</h3>
    <h2>"A Huge Collection of Engineering E-Books"</h2>
</body>
</html>
```

• login_form.html

```
font-family: 'Gill Sans', 'Gill Sans MT', Calibri,
'Trebuchet MS', sans-serif;
           color: purple;
   </style>
</head>
<body>
   <h2>Enter Login Details</h2>
   <form <pre>action="#">
       <label for="id">Login ID:</label>
       <input type="text" name="id" id="id">
       <label for="pass">Password:</label>
       <input type="password" name="password" id="pass">
       <br><br><br>>
       <button type="submit">Submit
       <button type="reset">Reset
   </form>
</body>
</html>
```

cse.html

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta <pre>charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width,</pre>
initial-scale=1.0">
   <title>Document</title>
   <style>
        body{
            background-color: pink;
            padding-left: 40px;
        h2{
            color: blue;
    </style>
</head>
<body>
    <h2>Computer Science and Engineering</h2>
```

```
Compiler Design
Computer Networks
Programming in C++

</body>
</html>
```

me.html

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta <pre>charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width,</pre>
initial-scale=1.0">
   <title>Document</title>
   <style>
       body{
           background-color: yellow;
           padding-left: 40px;
       h2{
          color: blue;
   </style>
</head>
<body>
   <h2>Mechanical Engineering</h2>
   <l
       Vector Mechanics
       Theory of Machines
       Fluid Mechanics
   </body>
</html>
```

ca.html

```
<!DOCTYPE html>
<html lang="en">
<head>
```

```
<meta <pre>charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width,</pre>
initial-scale=1.0">
   <title>Document</title>
   <style>
       body{
           background-color: pink;
           padding-left: 40px;
       h2{
          color: blue;
   </style>
</head>
<body>
   <h2>Computer Applications</h2>
   <l
       Operating System
       Computer Networks
       Programming in Python
   </body>
</html>
```

• eee.html

X-X-X-X