

WEB TECHNOLOGY LAB (CS33204)
WEEK-2

Name: Shishu

Reg:-2020CA089

1. Create a table to show your class time table.

Time Table									
	8:00	9:00-10:00	10:00-11:00	11:00-12:00	12:00-01:00	01:00-02:00	02:00-03:00	03:00-04:00	04:00-05:00
MON		Soft Computing		Operating System		LUNCH			
TUE		Object Based Modeling	Analysis of Algorithms	Operating System				DBMS	
WED				Analysis of Algorithms				Analysis of Algorithms Lab	
THU	Operating System Lab			Object Based Modeling				DBMS	
FRI	DBMS Lab				Soft Computing			Web Programmin	

```
<!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>Document</title>
</head>
<body>
  <p>Time Table</p>
  <div id="timetable" style="justify-content: center;">
    <table style="border-collapse: collapse;background-color: chartreuse
;width: 100%; height: 180px;" border="1">
      <tbody>
        <tr style="height: 36px;">
          <td style="width: 10%; height: 36px;">&nbsp;&nbsp;&nbsp;</td>
          <td style="width: 10%; height: 36px;">
            <h4>8:00</h4>
          </td>
          <td style="width: 10%; height: 36px;">
            <h4>9:00-10:00</h4>
          </td>
          <td style="width: 10%; height: 36px;">
```

```

<h4>10:00-11:00</h4>
</td>
<td style="width: 10%; height: 36px;">
<h4>11:00-12:00</h4>
</td>
<td style="width: 10%; height: 36px;">
<h4>12:00-01:00</h4>
</td>
<td style="width: 10%; height: 36px;">
<h4>01:00-02:00</h4>
</td>
<td style="width: 10%; height: 36px;">
<h4>02:00-03:00</h4>
</td>
<td style="width: 10%; height: 36px;">
<h4>03:00-04:00</h4>
</td>
<td style="width: 10%; height: 36px;">
<h4>04:00-05:00</h4>
</td>
</tr>
<tr style="height: 36px;">
<td style="width: 10%; height: 36px;">MON</td>
<td style="width: 10%; height: 36px;">&nbsp;</td>
<td style="width: 10%; height: 36px;" colspan="2">Soft Computing</td>
<td style="width: 10%; height: 36px;" colspan="2">Operating
System</td>
<td style="width: 10%; height: 144px;" rowspan="5">LUNCH</td>
<td style="width: 10%; height: 36px;">&nbsp;</td>
<td style="width: 10%; height: 36px;">&nbsp;</td>
<td style="width: 10%; height: 36px;">&nbsp;</td>
</tr>
<tr style="height: 54px;">
<td style="width: 10%; height: 54px;">TUE</td>
<td style="width: 10%; height: 54px;">&nbsp;</td>
<td style="width: 10%; height: 54px;">Object Based Modeling</td>
<td style="width: 10%; height: 54px;">Analysis of Algorithms</td>
<td style="width: 10%; height: 54px;" colspan="2">Operating
System</td>
<td style="width: 10%; height: 54px;">&nbsp;</td>
<td style="width: 10%; height: 54px;" colspan="2">DBMS</td>
</tr>
<tr style="height: 18px;">
<td style="width: 10%; height: 18px;">WED</td>
<td style="width: 10%; height: 18px;">&nbsp;</td>

```

```

        <td style="width: 10%; height: 18px;">&nbsp;</td>
        <td style="width: 10%; height: 18px;">&nbsp;</td>
        <td style="width: 10%; height: 18px;" colspan="2">Analysis of
Algorithms</td>
        <td style="width: 10%; height: 18px;">&nbsp;</td>
        <td style="width: 10%; height: 18px;" colspan="2">Analysis of
Algorithms Lab</td>
    </tr>
    <tr style="height: 18px;">
        <td style="width: 10%; height: 18px;">THU</td>
        <td style="width: 10%; height: 18px;" colspan="3">Operating System
Lab</td>
        <td style="width: 10%; height: 18px;" colspan="2">Object Based
Modeling</td>
        <td style="width: 10%; height: 18px;">&nbsp;</td>
        <td style="width: 10%; height: 18px;" colspan="2">DBMS</td>
    </tr>
    <tr style="height: 18px;">
        <td style="width: 10%; height: 18px;">FRI</td>
        <td style="width: 10%; height: 18px;" colspan="3">DBMS Lab</td>
        <td style="width: 10%; height: 18px;">&nbsp;</td>
        <td style="width: 10%; height: 18px;">Soft Computing</td>
        <td style="width: 10%; height: 18px;">&nbsp;</td>
        <td style="width: 10%; height: 18px;" colspan="2">Web Programmin</td>
    </tr>
</tbody>
</table>

</div>
</body>
</html>

```

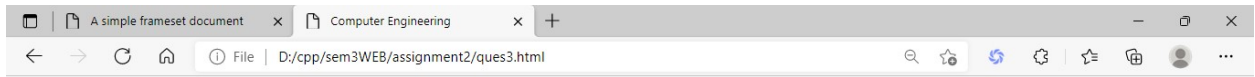
2. Use frames such that page is divided into 3 frames 20% on left to show contents of pages, 60% in center to show body of page, remaining on right to show remarks.

Time Table

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```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Frameset//EN"
"http://www.w3.org/TR/html4/frameset.dtd">
<HTML>
<HEAD>
<TITLE>A simple frameset document</TITLE>
</HEAD>
<FRAMESET cols="20%, 60%">
  <FRAME src="leftside20.html" name="20% frame" style="background-color:
blue;" />
  <FRAME src="rightside60.html" name="60% frame" style="background-color:
rebeccapurple;" />
</FRAMESET>
</HTML>
```

3. Apply various colours to suitably distinguish key words, also apply font styling like italics, underline and two other fonts to words you find appropriate, also use header tags.



Master Of Computer Application

MCA 2020-2023

Department of Computer Science & Engineering to be a leading world class technology department. In MNNIT Allahabad

Mission

The Mission of the department is as follows:

1. To nurture talent of students for research, innovation and excellence in the field of computer engineering starting from Under graduate level.
2. To develop highly analytical and qualified computer engineers by imparting training on cutting edge technology.
3. To produce socially sensitive computer engineers with professional ethics.
4. To focus on R&D environment in close partnership with industry and foreign universities.
5. To produce well-rounded, up to date, scientifically tempered, design oriented engineer and scientists capable of lifelong learning.

About us

The quality of life has improved significantly with advent of computers. PC, Laptop, Internet and Teleconference have become household commodities. Hence the career prospects young generation are bright in - *Computer Architecture Lab, Network Lab, Web Designing Lab, Image processing and Multimedia Lab, Database management and Data Mining Lab, Computation and programming Lab, Operating System Lab, Artificial Intelligence Lab, Software Design Lab, Software Testing Lab*. These labs are equipped with latest configuration PCs and are completely networked with latest software.

The curriculum in computer science & engineering lays greater emphasis on design principles and development of system software for operating systems, Database management systems, data mining, computer graphics and networks. In addition to this requirement engineering, software testing, software packages and CASE tools which are the need of the day are integral part of the course curriculum.

The department has been offering M.E. degree level Programme in Computer Technology and application since 1996.

The source of our success is our outstanding and internationally recognized faculty members. The department has expanded by recruiting highly qualified faculty members at various levels. Besides teaching, the faculty members have been actively involved in various research and professional activities like member of editorial boards of leading journals. There have been numerous publications by the faculty journals/conferences covering latest areas of research such as requirement engineering, software quality and metrics, software testing, data mining and machine learning. Several technical books have been authored by the faculty Members of the department. The research of faculty members is supported under various research grant programmes by AICTE, DST, UGC and CSIR.



Ques3.html

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

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Computer Engineering</title>
  <link rel="stylesheet" type="text/css" href="./ques3.css">
  <link
href="https://fonts.googleapis.com/css2?family=Lato:wght@100;300;400&display=swap"
  rel="stylesheet">
</head>

<body>
  <div class="header">
    <h1>Master Of Computer Application</h1>
  </div>

  <div class="content">
    <em>
      <h2>MCA 2020-2023</h2>
    </em>
    <p>
```

Department of Computer Science & Engineering to be a leading world class technology department.

In MNNIT Allahabad

</p>

<h2>Mission</h2>

<p>

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</p>

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<p>

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```
        </p>
      </div>
</body>

</html>
```

Ques3.css

```
* {
  margin : 0;
  padding: 0;
  text-rendering: optimizeLegibility;
  font-family: 'Lato', sans-serif;
}

body {
  display: flex;
  height: 100vh;
  flex-direction: column;
  justify-content: space-evenly;
  align-items: center;
  margin: 0 20%;
  background-color: #2c2c2c;
  color: rgb(211, 211, 211);
}

.header {
  display: flex;
}

.content {
  display: flex;
  flex-direction: column;
  align-items: flex-start;
}

.content p {
  line-height: 25px;
}

.content ol {
  margin-left: 20px;
}

b em {
```



```
color: #de8339;  
text-decoration: underline;  
}
```

4. Insert an image and create a link such that clicking on image takes user to other page

Click the image below to go to MNNIT



Ques4.html

```
<!DOCTYPE html>  
<html lang="en">  
  
<head>  
  <meta charset="UTF-8">  
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```

    <link
href="https://fonts.googleapis.com/css2?family=Lato:wght@100;300;400&display=swap"
rel="stylesheet">
    <link rel="stylesheet" href="./main.css" type="text/css">
    <title>Image experiment</title>
</head>

<body>
    <div id="content">
        <h2>Click the image below to go to MNNIT</h2>
        <div id="link">
            <a href="http://www.mnnit.ac.in/" target="_blank">
                
            </a>
        </div>
        <button id="top" onclick="goToTop()">Go to Top</button>
    </div>
    <script>
        function goToTop() {
            document.body.scrollTop = 0;
            document.documentElement.scrollTop = 0;
        }
    </script>
</body>

</html>

```

Ques4.css

```

* {
    margin : 0;
    padding: 0;
    text-rendering: optimizeLegibility;
    font-family: 'Lato', Arial, Helvetica, sans-serif;
    color: #fff;
}

body {
    height: 120vh;
    background-color: #2c2c2c;
}

#content, a {
    height: 100%;
    display: flex;

```

```
    flex-direction: column;
    justify-content: space-around;
    align-items: center;
}

img {
    width: 50%;
}

button {
    background: #1f6bb3;
    border: none;
    padding: 10px 10px;
    cursor: pointer;
    border-radius: 20px;
    font-size: 15px;
}
```

5. Write an HTML page that contains a selection box with a list of 5 countries, when the user selects a country, its capital should be printed next to the list; Add CSS to customize the properties of the font of the capital (color, bold and font size).

Select a Country :

Capital is :

NEW DELHI

fiveCountry.html

```
<html>

<head>
  <title>capitals of countries</title>
  <style>
    p {
      color: red;
      font-weight: bold;
      font-size: 50;
    }
  </style>
  <script language="javascript">
    function capital() {
      var cunt = document.forms["frm1"].country.value;
      var capital = " Please select any country ";
      if (cunt == "india") {
        capital = "NEW DELHI";
      }
      if (cunt == "china") {
```

```

        capital = "BEIJING";
    }
    if (cunt == "pakistan") {
        capital = "ISLAMABAD";
    }
    if (cunt == "bangladesh") {
        capital = "DHAKA";
    }
    if (cunt == "japan") {
        capital = "TOKYO";
    }

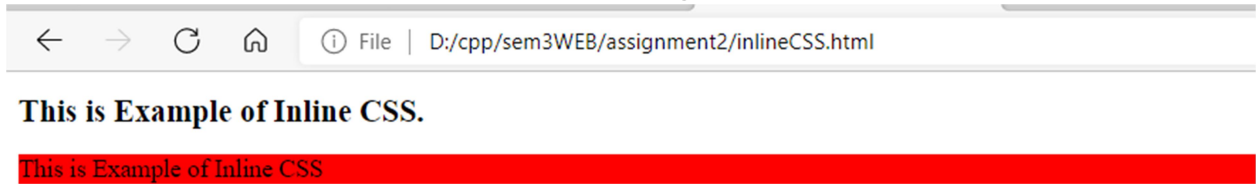
    if (cunt == "select") {
        capital = "Please select any country";
    }
    document.getElementById("capt").innerHTML = capital;
}
</script>
</head>

<body>
    <form name="frm1">
        <br />
        <center>
            Select a Country : <select name="country" onchange="capital()">
                <option value="select">--SELECT--</option>
                <option value="india">INDIA</option>
                <option value="china">CHINA</option>
                <option value="pakistan">PAKISTAN</option>
                <option value="bangladesh">BANGLADESH</option>
                <option value="japan">JAPAN</option>
            </select>
            <br />
            <br />
            <font color="green" size="6">Capital is :</font>
            <p id="capt"></p>
        </center>
    </form>
</body>

</html>

```

6. Write an HTML code to demonstrate the usage of inline CSS.



Inlinecss.html

```
<!DOCTYPE html>
<html>
  <head>
    <title>HTML Inline CSS</title>
  </head>

  <body>
    <h1 style="font-size: 20px;">
      This is Example of Inline CSS.
    </h1>
    <p style="background-color: red;">This is Example of Inline CSS</p>
  </body>
</html>
```

7. Write an HTML code to demonstrate the usage of internal CSS.

This is Example of internal CSS.

This is Example of internal CSS

Internalcss.html

```
<!DOCTYPE html>
<html>
  <head>
    <style>
      h1 {color: red;}
      p {font-size: 12px;}
    </style>
  </head>

  <body>
    <h1> This is Example of internal CSS.</h1>
    <p>This is Example of internal CSS</p>

  </body>
</html>
```

8. Write an HTML code to demonstrate the usage of external CSS.

External Css Example

External CSS example

```
<!DOCTYPE html>

<html>
  <head>
    <link rel="stylesheet" href="external.css">
  </head>

  <body>
    <h1>External Css Example</h1>
    <p>External CSS example</p>
  </body>
</html>
```

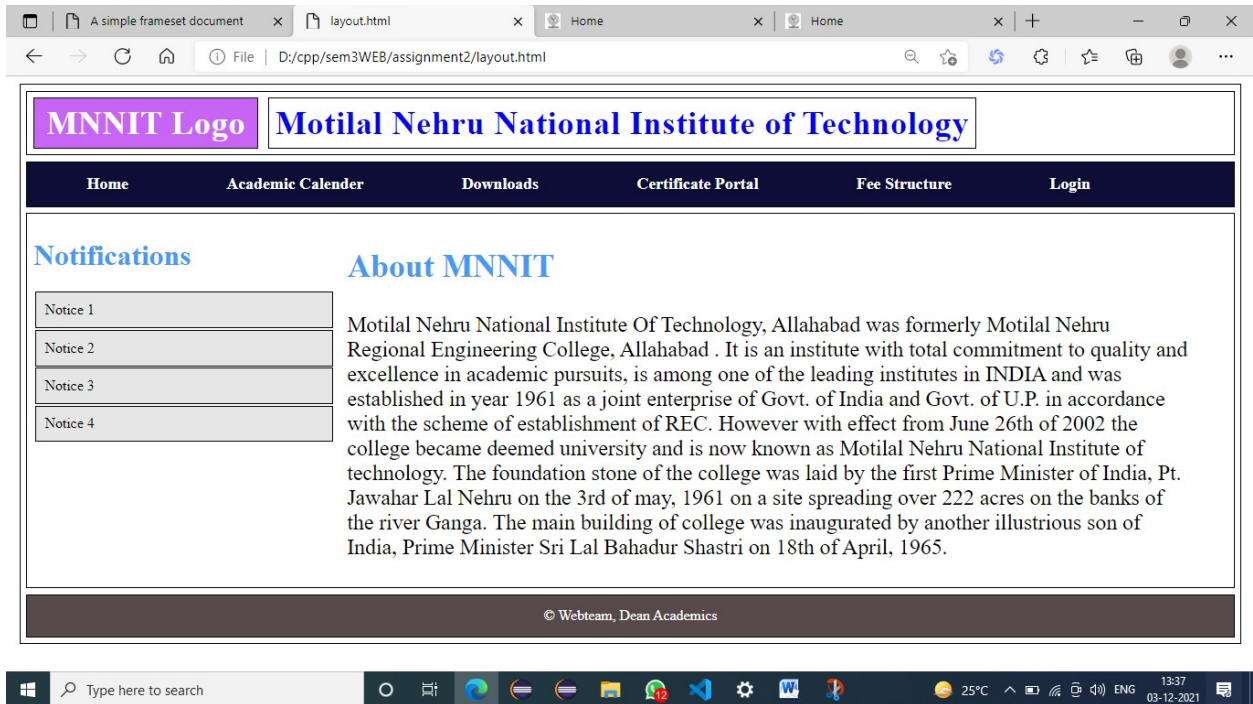
External.css

```
body {
  background-color: lightblue;
}

h1 {
  color: navy;
  margin-left: 20px;
}

p{
  color:gold
}
```


9. Use `` and `<div>` tags to provide a layout to the your college infrastructure.



Layout.html

```
<html>
  <head>
    <link rel="stylesheet" href="style.css">
  </head>
  <body>
    <div class="body">
      <div class="header">
        <span class="logo">MNNIT Logo</span>
        <span class="name">Motilal Nehru National Institute of
Technology</span>
      </div>
      <div class="nav">
        <span>Home</span>
        <span>Academic Calender</span>
        <span>Downloads</span>
        <span>Certificate Portal</span>
        <span>Fee Structure</span>
        <span>Login</span>
      </div>
      <div class="main">
        <div class="sidenav">
```

```

        <h1 style="color:rgb(69, 154, 250); font-weight:
700;">Notifications</h1>
        <div class="notice">Notice 1</div>
        <div class="notice">Notice 2</div>
        <div class="notice">Notice 3</div>
        <div class="notice">Notice 4</div>
    </div>
    <div class="about">
        <h2 style="color:rgb(69, 154, 250); font-weight: 700;">About
MNNIT</h2>
        <p>Motilal Nehru National Institute Of Technology, Allahabad
was formerly Motilal Nehru Regional Engineering College, Allahabad . It is an
institute with total commitment to quality and excellence in academic pursuits,
is among one of the leading institutes in INDIA and was established in year 1961
as a joint enterprise of Govt. of India and Govt. of U.P. in accordance with the
scheme of establishment of REC. However with effect from June 26th of 2002 the
college became deemed university and is now known as Motilal Nehru National
Institute of technology.

The foundation stone of the college was laid by the first Prime Minister of
India, Pt. Jawahar Lal Nehru on the 3rd of may, 1961 on a site spreading over 222
acres on the banks of the river Ganga. The main building of college was
inaugurated by another illustrious son of India, Prime Minister Sri Lal Bahadur
Shastri on 18th of April, 1965.</p>
    </div>
</div>
<div class="footer">
    © Webteam, Dean Academics
</div>
</div>
</body>
</html>

```

Style.css

```

div, span{
    border: 1px solid black;
    margin: 0.5%;
}
.header{
    padding: 1% 0;
}
.logo{
    padding: 0.5% 1%;
    height: 180px;
}

```

```
background-color: rgb(200, 101, 246);
font-size: 36px;
letter-spacing: 1px;
font-weight: 700;
color: white;
}
.name{
font-size: 36px;
letter-spacing: 1px;
font-weight: 700;
color: blue;
margin: 2% 2% 2% 0;
padding: 0.5%;
}
.nav{
padding: 1%;
background-color: rgb(13, 13, 54);
}
.nav span{
padding: 1% 2%;
margin: 0.5% 2%;
color: white;
border: none;
font-weight: 700;
font-size: large;
cursor: pointer;
}
.main{
display: flex;
}
.sidenav{
height: 80%;
width: 25%;
border: none;
}
.notice{
padding: 3%;
background-color: rgb(230, 230, 230);
cursor:pointer;
}
.about{
width: 70%;
font-size: 24px;
font-family: 'Times New Roman', Times, serif;
border: None;
```

```
}  
  
.footer{  
  text-align: center;  
  color: white;  
  padding: 1%;  
  background-color: rgb(87, 74, 74);  
}
```