Kartik Padave

70362019039

A022
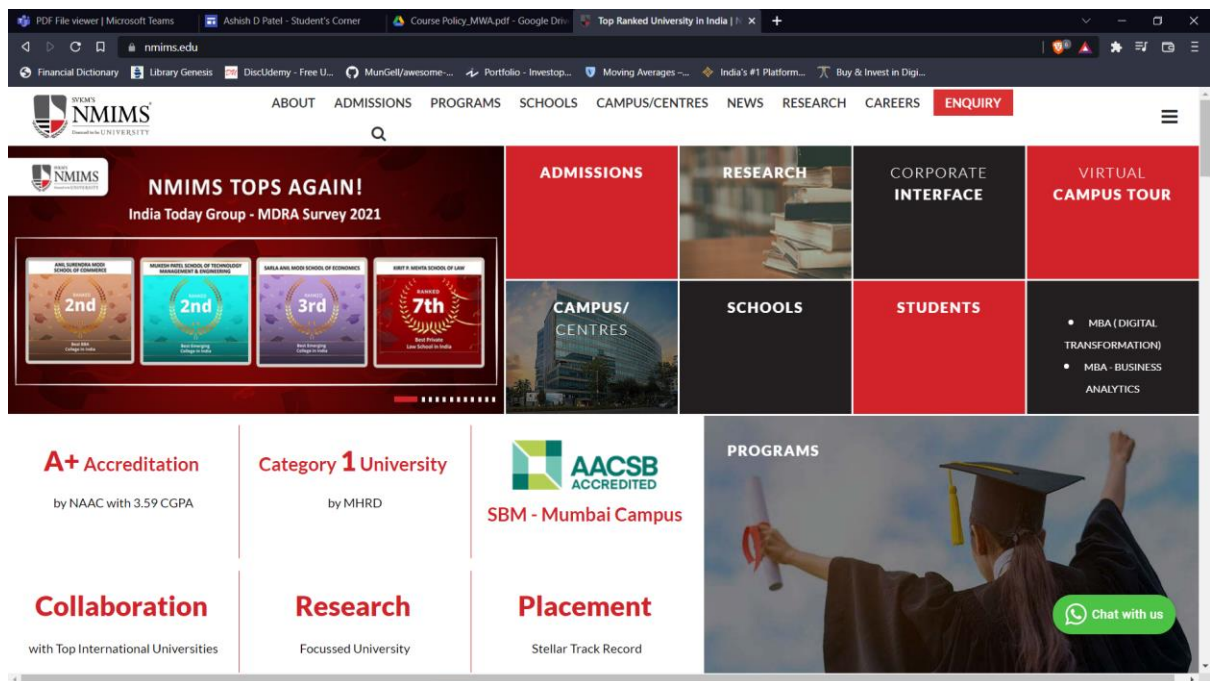
28/03/2022

Practical 1

Aim: Case study: Observe a website. Study about its content, structure.
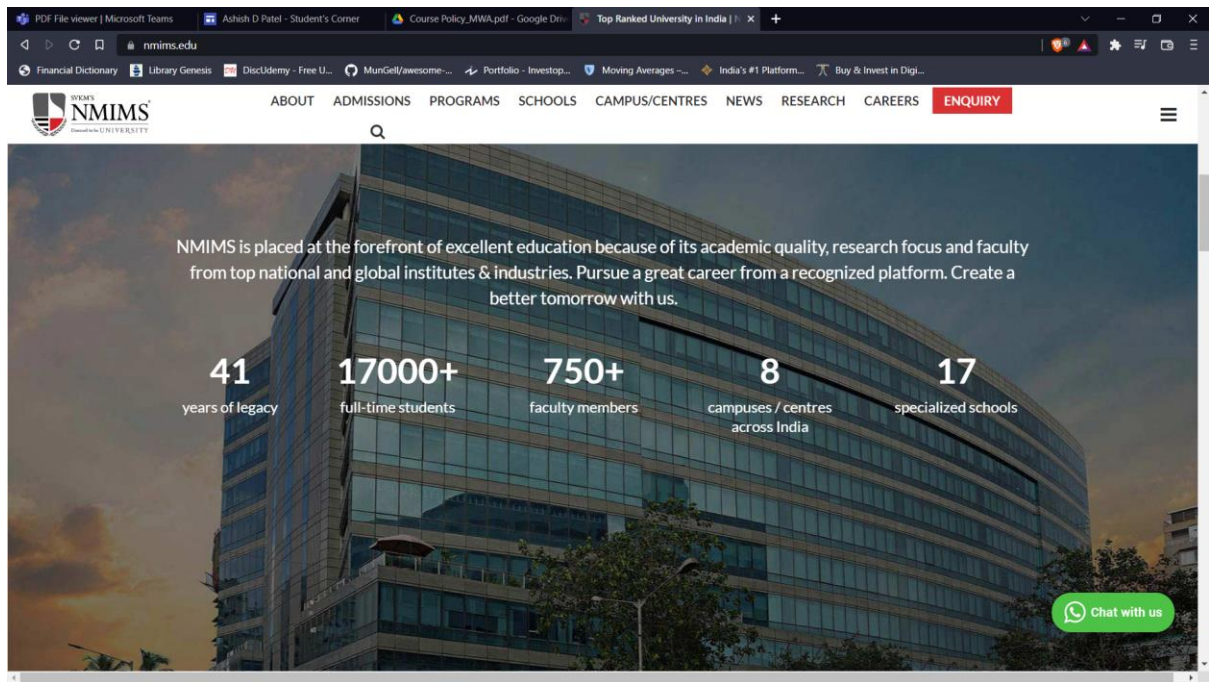
Theory:

Here the website under observation is www.nmims.edu.

We can see the website the based-on color theme of logo with red and white being primary and black and grey being the secondary color.

The navbar has various options to navigate to the organizations pages along with a dropdown with a few extra options for exploring the campus.

SVKM's
NMIMS
Deemed to be UNIVERSITY

ABOUT   ADMISSIONS   PROGRAMS   SCHOOLS   CAMPUS/CENTRES   NEWS   RESEARCH   CAREERS   ENQUIRY

Engineering, Science and Technology, Management, Commerce, Architecture, Law,
Economics, Pharmacy, Aviation, Design, Performing Arts, Liberal Arts, Hospitality
Management, Mathematical Science, Branding and Advertising, Agricultural Sciences and
much more.

- Ideal for forward-thinking and new-age young professionals
- Strong industry interface & corporate relationships with 1348+ companies
- Research-backed updated curriculum, along with 2400+ published papers to its credit
- Continuing the legacy of quality education
- Focus on employability of students through evolved pedagogy
- Pursuing excellence in technological and management research

NMIMS
Deemed to be UNIVERSITY

F U T U R E
belongs to the

0:00 / 1:02

NEWS & EVENT

...nmims.edu/.../hospitality-industry-ready-for-a-revenge-rebound-post-pandemic-dr-ruchita-v...

Chat with us

SVKM's
NMIMS
Deemed to be UNIVERSITY

ABOUT   ADMISSIONS   PROGRAMS   SCHOOLS   CAMPUS/CENTRES   NEWS   RESEARCH   CAREERS   ENQUIRY

OUR TOP RECRUITERS

KPMG   Goldman Sachs   ICICI Bank   J.P.Morgan   Capgemini

ALUMNI SPEAK

NMIMS

VAMAN KAMLE
President - SAAD Foundation

The entire course curriculum is helpful in running my own NGO and increased my confidence level.

Chat with us

Further pages talk about the college, facilities and campuses across india.

The footer provides an index of all the services and pages available on the website from the university of NMIMS.

Practical 2

Aim: Create a homepage for a website using basic formatting tags in HTML.

Procedure:

```
<!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>NMIMS Navi Mumbai</title>
</head>
<body>
  <div>
    <a href="../login-registeration/registeration.php">Registeration</a>
  </div>
  <div class="header">
    <div class="Logo HomeImage">
      <a href="https://www.nmimsnavimumbai.org/">
        <img src="https://www.nmimsnavimumbai.org/images/logo-nmims-navi-mumbai-campus.jpg" class="img-responsive" alt="NMIMS Navi Mumbai">
      </a>
    </div>
  </div>

  <div class="navigation">
```
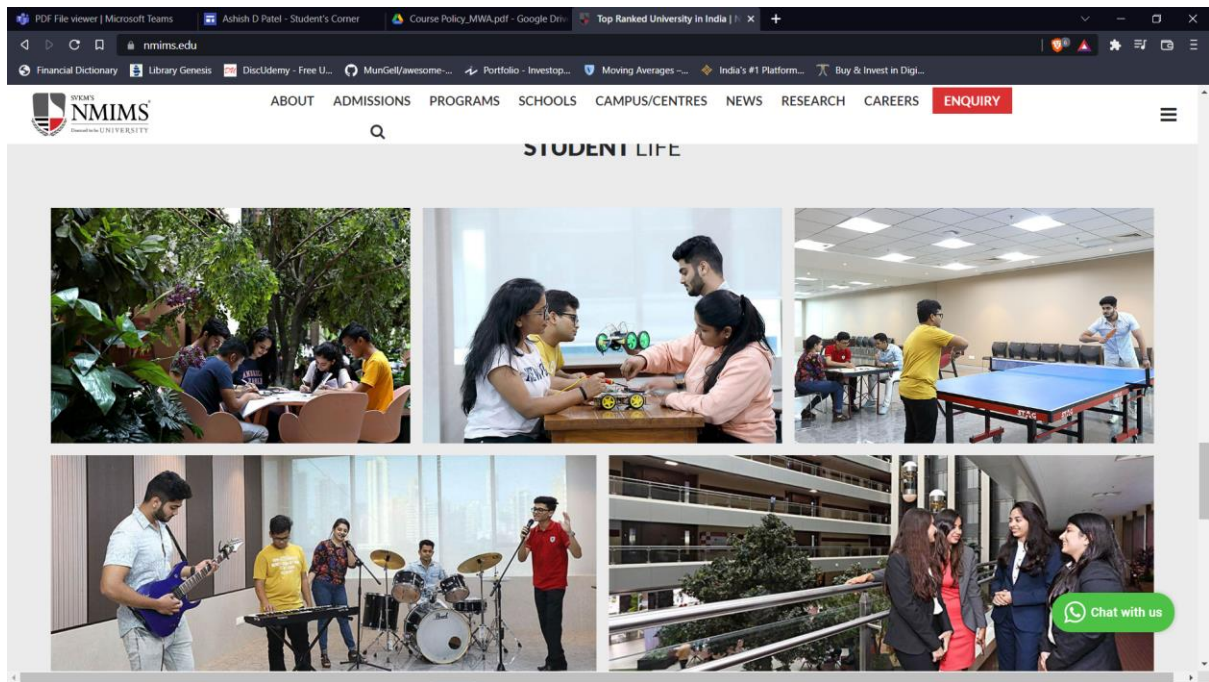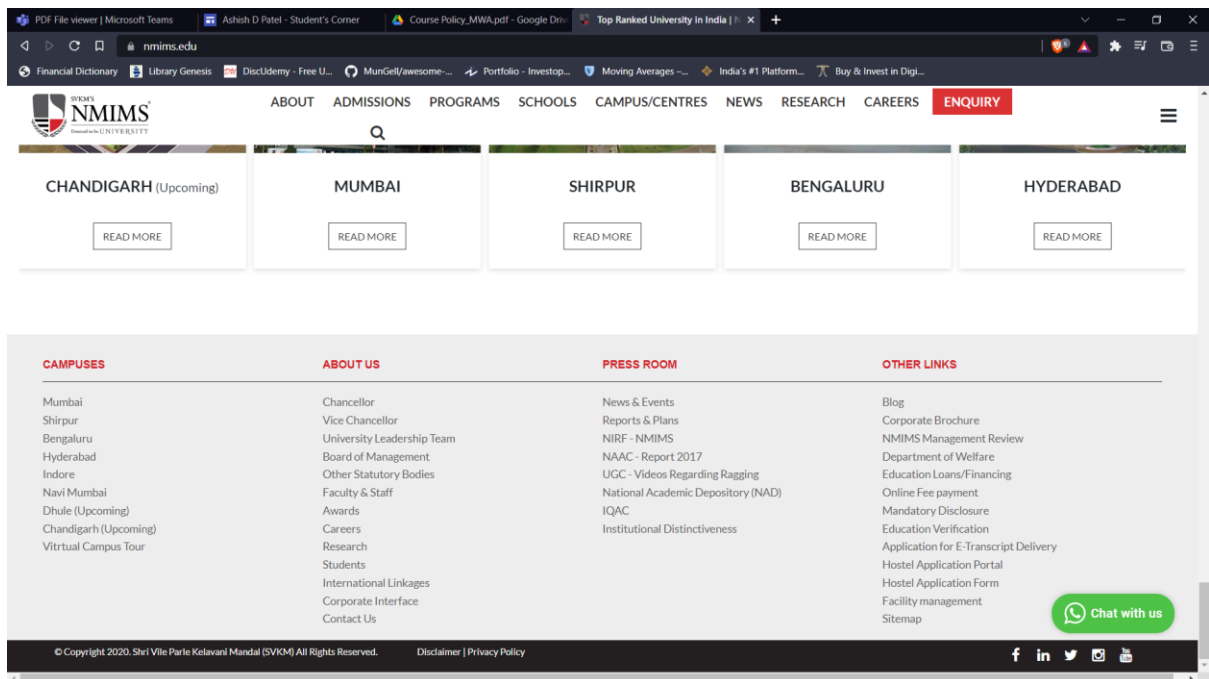
```html
    <div>
        <span class="nav-options">Home</span>
        <span class="vertical-line"></span>
        <span class="nav-options">About Us</span>
        <span class="vertical-line"></span>
        <span class="nav-options">Facilities</span>
        <span class="vertical-line"></span>
        <span class="nav-options">Academics</span>
        <span class="vertical-line"></span>
        <span class="nav-options">International Linkages</span>
        <span class="vertical-line"></span>
        <span class="nav-options">Faculty</span>
        <span class="vertical-line"></span>
        <span class="nav-options">Students</span>
        <span class="vertical-line"></span>
        <span class="nav-options">Placement</span>
        <span class="vertical-line"></span>
        <span class="nav-options">Contact</span>
    </div>
</div>


<img
src="https://www.nmimsnavimumbai.org/home_banners/interior.png"
alt="slider-image">


<h1>SVKM'S NMIMS NAVI MUMBAI CAMPUS</h1>
<hr size="3" noshade width="100%">
```

```
<div>
    <p>
```

There are more than 5500 management institutes offering post graduate courses in management across India. Yet not even a handful figure in

the Global Top 200 B-school ranking. The SVKM's NMIMS Navi Mumbai Campus is an absolute exception. SVKM's NMIMS Navi Mumbai Campus ranks

among the top ten Business Schools in our country and this has been the legacy of this Premium Management Institute for decades.

```
    </p>
    <p>
```

NMIMS has over the last 35 years grown from a management institute offering a single product namely MBA education to a Deemed to be

University offering multiple products through separate schools in Business Management, Pharmacy, Technology Management & Engineering,

Hospitality, Architecture, Science, Commerce, Economics and Law. In addition to recognising seeing the need for specialist schools in

varied disciplines at the headquarters in Mumbai, the parent body has also responded to the felt need for centres of excellence across the

country, thereby widening the base of quality higher education. It is with this objective that we set up campuses at Shirpur, Bangalore,

Hyderabad, Indore, Navi Mumbai and Dhule. SVKM's NMIMS has established its Navi Mumbai campus to develop students into global organizational

leaders who can create wealth for their organizations. The new campus at Navi Mumbai offers MBA. The admission process for the MBA is through

the "NMAT" by GMAC examination followed by Group Discussion and Personal Interview.

```
    </p>
    <p>
```

The SVKM's NMIMS Navi Mumbai Campus is located in a natural scenic serene environment which provides an ideal atmosphere for pursuing

higher education programs in management away from the noise and pollution of a metro city. SVKM's NMIMS Navi Mumbai Campus provides an

idyllic environment to engage in learning and the unique distinction of gaining ringside insight to metropolitan corporate dynamics against

a budding and emerging business hub.

        </p>
    </div>

<hr size="3" noshade width="100%">

<div class="container">

    <table>
      <tr>
        <th class="data table-col">Campuses</th>
        <th class="data table-col">Administration</th>
        <th class="data table-col"></th>
        <th class="data table-col">Press Room</th>
        <th class="data table-col">Other Links</th>
      </tr>
      <tr>
        <td class="data">Mumbai
</td>
        <td class="data">Chancellor
</td>
        <td class="data"></td>

```html
                <td class="data"><a href="http://www.nmims.edu/press-room/"
target="_blank">Press News</a><br></td>
                <td class="data"><a href="http://www.nmims.edu/" target="_blank"
class="footer-links">University Home</a><br></td>
        </tr>
        <tr>
                <td class="data"><a target="_blank" class="footer-links"
href="http://nmimsbengaluru.org/">Bengaluru</a><br></td>
                <td class="data"><a href="http://www.nmims.edu/about/offices-and-
administration/vice-chancellor/" target="_blank" class="footer-links">Vice
Chancellor</a><br></td>
                <td class="data"></td>
                <td class="data"><a href="http://www.nmims.edu/reports-and-
plans/" target="_blank" class="footer-links">Reports &amp;
Plans</a><br></td>
                <td class="data"><a href="http://www.nmims.edu/research/"
target="_blank" class="footer-links">Research</a><br></td>
        </tr>
        <tr>
                <td class="data"><a target="_blank" class="footer-links"
href="https://www.nmims.edu/shirpur/">Shirpur</a><br></td>
                <td class="data"><a href="http://www.nmims.edu/about/offices-and-
administration/pro-vice-chancellor/" target="_blank" class="footer-links">Pro
Vice Chancellor</a><br></td>
                <td class="data"><a
href="https://www.nmimsnavimumbai.org/"><img
src="https://www.nmimsnavimumbai.org/images/nmims-footer.png"
alt=""></a></td>
                <td class="data"><a target="_blank" class="footer-links"
href="http://ugc.ac.in/page/Videos-Regarding-Ragging.aspx">UGC - Videos
Regarding Ragging</a><br></td>
```

```html
        <td class="data"><a href="http://www.nmims.edu/publications/"
target="_blank" class="footer-links">Publication</a><br></td>

    </tr>

    <tr>

        <td class="data"><a target="_blank" class="footer-links"
href="http://nmimshyderabad.org/">Hyderabad</a><br></td>

        <td class="data"><a href="http://www.nmims.edu/about/offices-and-
administration/administration-team/" target="_blank" class="footer-
links">University Administration</a><br></td>

        <td class="data"></td>

        <td class="data"><a target="_blank" class="footer-links"
href="http://www.nad.gov.in">National Academic Depository
(NAD)</a><br></td>

        <td class="data"><a href="http://www.nmims.edu/corporate/"
target="_blank" class="footer-links">Corporate</a><br></td>

    </tr>

    <tr>

        <td class="data"><a target="_blank" class="footer-links"
href="http://www.nmimsindore.org/">Indore</a><br></td>

        <td class="data"><a href="http://www.nmims.edu/faculty-and-staff/"
target="_blank" class="footer-links">Faculty &amp; Staff</a><br></td>

        <td class="data"></td>

        <td class="data"></td>

        <td class="data"><a href="http://www.nmims.edu/international/"
target="_blank" class="footer-links">International</a><br></td>

    </tr>

    <tr>

        <td class="data"><a target="_blank" class="footer-links"
href="http://nmimsnavimumbai.org">Navi Mumbai</a><br></td>

        <td class="data"></td>
```

```html
      <td class="data"></td>

      <td class="data"></td>

      <td class="data"><a href="http://www.nmims.edu/students/"
target="_blank" class="footer-links">Students</a><br></td>

    </tr>

    <tr>

      <td class="data"><a target="_blank" class="footer-links"
href="http://dhule.nmims.edu">Dhule</a></td>

      <td class="data"></td>

      <td class="data"></td>

      <td class="data"></td>

      <td class="data"><a
href="https://portal.svkm.ac.in/usermgmt/stepsOfHostelBooking"
target="_blank" class="footer-links">Hostel Application Portal</a><br></td>

    </tr>

    <tr>

      <td class="data"></td>

      <td class="data"></td>

      <td class="data"></td>

      <td class="data"></td>

      <td class="data"><a href=" https://www.nmims.edu/nmims-old-
website/students/campus-life/hostel-application-form/" target="_blank"
class="footer-links">Hostel Application Form </a><br></td>

    </tr>

    <tr>

      <td class="data"></td>

      <td class="data"></td>

      <td class="data"></td>
```

```html
        <td class="data"></td>
        <td class="data"><a href="http://www.nmims.edu/students/campus-
life/grievances/" target="_blank" class="footer-
links">Grievances</a><br></td>
      </tr>
      <tr>
        <td class="data"></td>
        <td class="data"></td>
        <td class="data"></td>
        <td class="data"></td>
        <td class="data"><a href="http://www.nmims.edu/education-loan/"
target="_blank" class="footer-links">Education Loans/Financing</a><br></td>
      </tr>
      <tr>
        <td class="data"></td>
        <td class="data"></td>
        <td class="data"></td>
        <td class="data"></td>
        <td class="data"><a href="http://www.nmims.edu/mandatory-
disclosure/" target="_blank" class="footer-links">Mandatory
Disclosure</a><br></td>
      </tr>
      <tr>
        <td class="data"></td>
        <td class="data"></td>
        <td class="data"></td>
        <td class="data"></td>
```

```html
        <td class="data"><a href="https://www.aicte-india.org/feedback/index.php" target="_blank" class="footer-links">AICTE Faculty Feedback</a><br></td>
      </tr>
      <tr>
        <td class="data"></td>
        <td class="data"></td>
        <td class="data"></td>
        <td class="data"></td>
        <td class="data"><a href="http://www.nmims.edu/know-the-identity-of-nmims/" target="_blank" class="footer-links">Know the Identity of NMIMS</a><br></td>
      </tr>
    </table>
  </div>
</body>
</html>
```

Practical 3

Aim: Create class timetable using Tables in HTML.

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <style>

      table {
         margin-left: auto;
         margin-right: auto;
      }

      .timetable, th, tr, td, .prof-timetable {
         border: 1px solid black;
         border-collapse: collapse;
      }

      .timetable, .prof-topics, .lec-data {
         text-align: center;
      }

      .upperdetails {
```

```
      border: none;

    }


    .title-text {

      font-size: 20px;

    }

  </style>

  <title>NMIMS TT</title>

</head>

<body>

  <img src="https://www.nmims.edu/images/nmims-university-logo.png" alt="">

  <span class="title-text"> <b>School of Technology Management & Engineering | Navi Mumbai Campus</b></span>


  <table style="width: 100%;">

    <th class="upperdetails" style="width: 400px;">Course: B.Tech (CSBS)</th>

    <th class="upperdetails" style="width: 400px;">Class: Third Year | Semester - VI</th>

    <th class="upperdetails" style="width: 400px;">AY 2021-22</th>

    <th class="upperdetails" style="width: 400px;">w.e.f. 06/12/2021</th>

  </table>


  <table>

    <th class="upperdetails">Class Room:  C005 & C220</th>

  </table>
```

```html
<table class="timetable" style="width: 100%;">
  <colgroup>
    <col span="1" style="width: auto">
    <col span="1" style="width: auto">
    <col span="1" style="width: auto">
    <col span="1" style="width: auto">
    <col span="1" style="width: auto">
    <col span="1" style="width: auto">
    <col span="1" style="width: auto">
  </colgroup>
  <tr>
    <td colspan="2">Date</td>
    <td colspan="2"></td>
    <td colspan="2"></td>
    <td colspan="2"></td>
    <td colspan="2"></td>
    <td colspan="2"></td>
    <td colspan="2"></td>
  </tr>
  <tr>
    <td colspan="2">Time/Day</td>
    <td colspan="2">Monday</td>
    <td colspan="2">Tuesday</td>
    <td colspan="2">Wednesday</td>
    <td colspan="2">Thursday</td>
```

```html
        <td colspan="2">Friday</td>

        <td colspan="2">Saturday</td>

      </tr>

      <tr>

        <td>9:00 AM</td>

        <td>10:00 AM</td>

        <td style="background-color: #FF8C00;" rowspan="2">DMA <br> (P)
<br> MP <br> (Programming <br> Lab)</td>

        <td style="background-color: #FFB6C1" rowspan="2">MWA <br> (P)
<br> AP <br> (Lab-102)</td>

        <td colspan="2"></td>

        <td style="background-color: #1E90FF;" rowspan="2" colspan="2">BCVS
<br> PH <br> (C005)</td>

        <td style="background-color: #FF8C00;">DMA <br> MP <br> (Lab-
103)</td>

        <td style="background-color: #FFB6C1">MWA <br> AP <br> (C005)</td>

        <td style="background-color: #98FB98;" rowspan="2">CN (P) <br> B2
<br> AB <br> (Programming <br> Lab)</td>

        <td style="background-color: #DCDCDC;" rowspan="2">IS (P) <br> B1
<br> PB <br> (Data structure <br> Lab)</td>

        <td style="background-color: #1E90FF;" rowspan="2">BCVS (T) <br> B2
<br> PH <br> (Lab-104)</td>

        <td style="background-color: #98FB98;" rowspan="2">CN (P) <br> B1
<br> AB <br> (Programming <br> Lab)</td>

      </tr>

      <tr>

        <td>10:05 AM</td>

        <td>11:05 AM</td>

        <td colspan="2"></td>
```

```html
        <td style="background-color: #FF69B4;" colspan="2">AI <br> AP <br>
(C005)</td>
    </tr>
    <tr>
      <td>11:05 AM</td>
      <td>11:15 AM</td>
      <td colspan="13">Short Break</td>
    </tr>
    <tr>
      <td>11:15 AM</td>
      <td>12:15 PM</td>
      <td style="background-color: #FF69B4;" rowspan="2">AI (P) <br> B1
<br> AP <br> (Programming <br> Lab)</td>
      <td style="background-color: #DCDCDC;" rowspan="2">IS (P) <br> B2
<br> PB <br> (Data Structure <br> Lab)</td>
      <td style="background-color: #FF69B4;" colspan="2">AI <br> AP <br>
(C005)</td>
      <td style="background-color: #6A5ACD;" colspan="2">FCA <br> JB <br>
(C005)</td>
      <td style="background-color: #DCDCDC;" colspan="2">IS <br> PB <br>
(C220)</td>
      <td style="background-color: #DCDCDC;" colspan="2">IS <br> PB <br>
(C220)</td>
      <td style="background-color: #1E90FF;" rowspan="2">BCVS (T) <br> B1
<br> PH <br> (Lab-104)</td>
      <td style="background-color: #FF69B4;" rowspan="2">AI (P) <br> B2
<br> AP <br> (Programming <br> Lab)</td>
    </tr>
    <tr>
```

```html
        <td>12:20 PM</td>

        <td>1:20 PM</td>

        <td style="background-color: #98FB98;" colspan="2">CN <br> AB <br>
(C005)</td>

        <td style="background-color: #6A5ACD;" colspan="2">FCA <br> JB <br>
(C005)</td>

        <td style="background-color: #DCDCDC;" colspan="2">IS <br> PB <br>
(C220)</td>

        <td style="background-color: #6A5ACD;" colspan="2">FCA <br> JB <br>
(C005)</td>

    </tr>

    <tr>

      <td>1:20 PM</td>

      <td>2:00 PM</td>

      <td colspan="13">Lunch Break</td>

    </tr>

    <tr>

      <td>2:00 PM</td>

      <td>3:00 PM</td>

      <td style="background-color: #FF69B4;" colspan="2">AI <br> AP <br>
(C005)</td>

      <td style="background-color: #FF8C00;">DMA <br> MP <br> (Lab-
103)</td>

      <td style="background-color: #FFB6C1">MWA <br> AP <br> (C005)</td>

      <td style="background-color: #FF8C00;">DMA <br> MP <br> (Lab-
103)</td>

      <td style="background-color: #FFB6C1">MWA <br> AP <br> (C005)</td>

      <td style="background-color: #98FB98;" colspan="2">CN <br> AB <br>
(C005)</td>
```

```
        <td style="background-color: #6A5ACD;">FCA (T) <br> B1 <br> JB <br>
(C005)</td>

        <td></td>

        <td style="background-color: #98FB98;" colspan="2">CN <br> AB <br>
(C005)</td>

    </tr>

    <tr>

        <td>3:05 PM</td>

        <td>4:05 PM</td>

        <td style="background-color: #6A5ACD;">FCA (T) <br> B2 <br> JB <br>
(C005)</td>

        <td></td>

        <td colspan="2"></td>

        <td colspan="2"></td>

        <td colspan="2"></td>

        <td colspan="2"></td>

        <td colspan="2"></td>

    </tr>

  </table>


  <br style="height: 30px;">


  <table class="prof-timetable">

    <colgroup>

        <col span="1" style="width: auto;">

        <col span="1" style="width: auto;">

        <col span="1" style="width: auto;">
```

```html
    <col span="1" style="width: auto;">
</colgroup>
<tr class="prof-topics">
    <td rowspan="2">Name of the Subject</td>
    <td colspan="3">Number of Hours per Week</td>
    <td rowspan="2">Total teaching hours</td>
    <td rowspan="2">Faculty name</td>
</tr>
<tr>
    <td>Theory (L)</td>
    <td>Practical (P)</td>
    <td>Tutorial (T)</td>
</tr>
<tr style="background-color: #98FB98;" class="plec-info">
    <td>Computer Networks (CN)</td>
    <td class="lec-data">3</td>
    <td class="lec-data">4</td>
    <td class="lec-data">0</td>
    <td class="lec-data">7</td>
    <td>Prof. Amrita Banerjee (AB)</td>
</tr>
<tr style="background-color: #DCDCDC;" class="plec-info">
    <td>Information Security (IS)</td>
    <td class="lec-data">3</td>
    <td class="lec-data">4</td>
    <td class="lec-data">0</td>
```

```html
    <td class="lec-data">7</td>

    <td>Prof. Pranita Binnar (PB)</td>

</tr>

<tr style="background-color: #FF69B4;" class="plec-info">

    <td>Artificial Intelligence (AI)</td>

    <td class="lec-data">3</td>

    <td class="lec-data">0</td>

    <td class="lec-data">2</td>

    <td class="lec-data">5</td>

    <td>Prof. Ashishkumar Patel (AP)</td>

</tr>

<tr style="background-color: #6A5ACD;" class="plec-info">

    <td>Financial and Cost Accounting (FCA)</td>

    <td class="lec-data">3</td>

    <td class="lec-data">4</td>

    <td class="lec-data">0</td>

    <td class="lec-data">7</td>

    <td>Prof. Jasmin Bid (JB)</td>

</tr>

<tr style="background-color: #1E90FF;" class="plec-info">

    <td>Business Communication and Value Science - IV (BCVS)</td>

    <td class="lec-data">2</td>

    <td class="lec-data">0</td>

    <td class="lec-data">4</td>

    <td class="lec-data">6</td>

    <td>Prof. Poonam Hans (PH)</td>
```

```
      </tr>
      <tr style="background-color: #FF8C00;" class="plec-info">
        <td>Elective - II: Data Mining and Analytics (DMA)</td>
        <td class="lec-data">3</td>
        <td class="lec-data">2</td>
        <td class="lec-data">0</td>
        <td class="lec-data">5</td>
        <td>Prof. Moumita Pal (MP)</td>
      </tr>
      <tr style="background-color: #FFB6C1" class="plec-info">
        <td>Elective - II: Modern Web Application (MWA)</td>
        <td class="lec-data">3</td>
        <td class="lec-data">2</td>
        <td class="lec-data">0</td>
        <td class="lec-data">5</td>
        <td>Prof. Ashishkumar Patel (AP)</td>
      </tr>
      <tr class="total-hours">
        <td colspan="4" class="lec-data">Total Class hours per week</td>
        <td class="lec-data">42</td>
        <td></td>
      </tr>
    </table>

    <br style="height: 100px;">
```

```html
    <table style="width: 100%;">

        <th class="upperdetails" style="width: 400px;">Faculty Incharge</th>

        <th class="upperdetails" style="width: 400px;">Dr. P. N. Mukherjee
<br>Campus Director</th>

    </table>

</body>

</html>
```

Output:

Practical 4

Aim: Design Login and Registration forms using HTML.

Code:

Index.php:-

```
<!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>Login/Registeration Page</title>
</head>
<body>
    <button><a href="login.php">Login</a></button>
    <button><a href="registeration.php">Registeration</a></button>
</body>
</html>
```

Login.php:-

```
<?php
    if($_GET["username"]||$_GET["password"]) {
        echo "Welcome ".$_GET['username']."<br/>";
        echo "Your Password is ".$_GET['password']." year old.";
        exit();
    }
?>
```

```html
<!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>Login Page</title>
</head>
<body>
<h2>Login</h2>
<form id="formID" action="<?php $_PHP_SELF ?>" method="GET">
    <div class="form-group">
        <label>Username:</label>
        <input type="text" name="username">
    </div>

    <div class="form-group">
        <label>Password:</label>
        <input type="password" name="password">
    </div>

    <div class="form-group">
        <input type="submit"/>
    </div>
</form>
```

<p>Click here to Login</p>

</body>

</html>

Registration.php

```php
<?php
if($_POST["username"] || $_POST["password"]) {
    echo "Welcome ". $_POST['username']."<br/>";
    echo "Your registered Email ID is ".$_POST['emailid']."<br/>";
    echo "And your password is ".$_POST['password']."<br/>";
    exit();
}
?>
```

```html
<!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>Registeration Page</title>
</head>
<body>
<h2>Registeration Form</h2>
<form id="formID" action="<?php $_PHP_SELF ?>" method="POST">
```
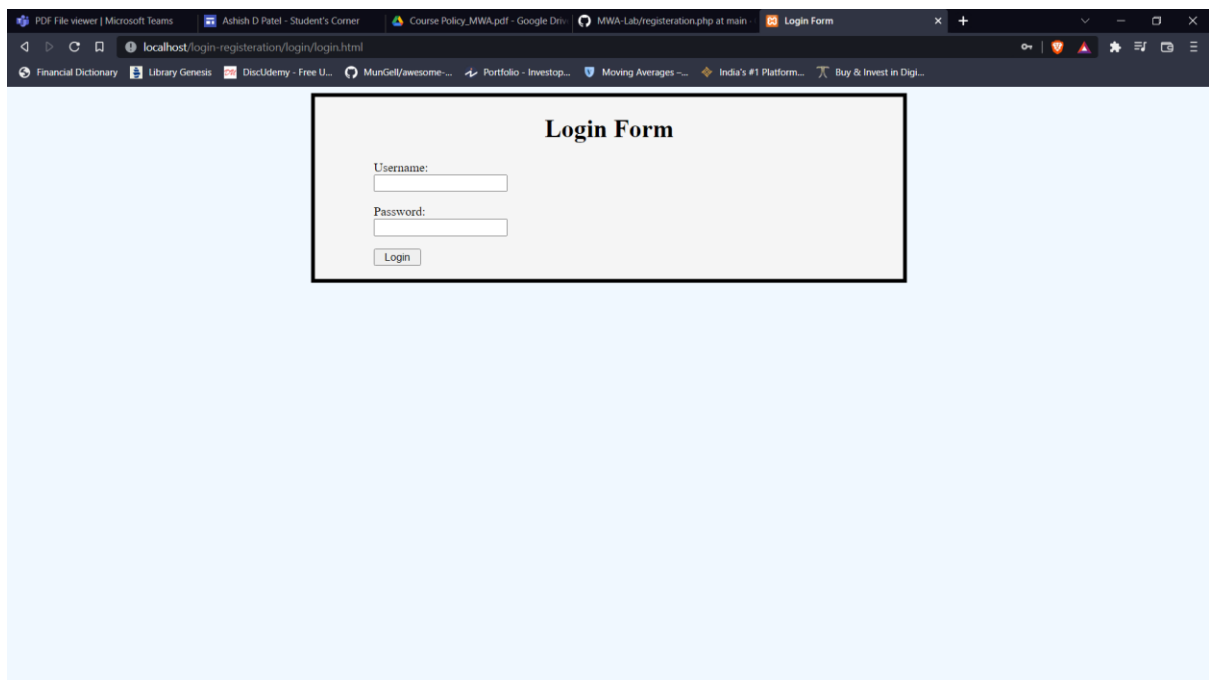
```html
<div class="form-group">
  <label>Username:</label>
  <input type="text" name="username">
</div>


<div class="form-group">
  <label>Password:</label>
  <input type="password" name="password">
</div>


<div class="form-group">
  <input type="submit"/>
</div>
</form>

<p>Click here to <a href='Register.php'>Register</a></p>
</body>
</html>
```

Output:

login form:

Registration form:-

Practical 5

Aim: Apply styling to Homepage of the website using Inline CSS and Internal CSS.

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <style>
    body {
      margin: 0px 0px 0px 0px;
    }

    .navigation {
      border: 1px solid transparent;
      color: white;
      display: flex;
      justify-content: center;
      font-size: 18px;
    }

    .nav-options {
      padding-right: 20px;
    }
```

```css
.vertical-line{
    display: inline-block;
    border-left: 2px solid white;
    margin: 0 10px;
    height: 18px;
    width: 20px;
}

.footer-links {
    text-decoration: none;
    color: black;
}

.table-col {
    text-align: left;
    color: maroon;
}
</style>
<title>NMIMS Navi Mumbai</title>
</head>
<body>
    <div>
        <a href="../login-registeration/registeration.php">Registeration</a>
    </div>
    <div class="header">
```

```html
<div class="Logo HomeImage">
    <a href="https://www.nmimsnavimumbai.org/">
        <img src="https://www.nmimsnavimumbai.org/images/logo-nmims-navi-mumbai-campus.jpg" class="img-responsive" alt="NMIMS Navi Mumbai">
    </a>
</div>
</div>


<div class="navigation" style="background:#403F41; padding: 0px 0px 0px; margin: 0px; height:40px; position: relative; margin-bottom: 10px;">
    <div style="padding-top: 8px;">
        <span class="nav-options">Home</span>
        <span class="vertical-line"></span>
        <span class="nav-options">About Us</span>
        <span class="vertical-line"></span>
        <span class="nav-options">Facilities</span>
        <span class="vertical-line"></span>
        <span class="nav-options">Academics</span>
        <span class="vertical-line"></span>
        <span class="nav-options">International Linkages</span>
        <span class="vertical-line"></span>
        <span class="nav-options">Faculty</span>
        <span class="vertical-line"></span>
        <span class="nav-options">Students</span>
        <span class="vertical-line"></span>
        <span class="nav-options">Placement</span>
        <span class="vertical-line"></span>
```

```html
          <span class="nav-options">Contact</span>

      </div>

   </div>



   <img src="https://www.nmimsnavimumbai.org/home_banners/interior.png"
alt="slider-image" style=" display: block; margin-left: auto; margin-right: auto;">



   <h1>SVKM'S NMIMS NAVI MUMBAI CAMPUS</h1>

   <hr size="3" noshade width="100%" style="background-color: maroon;">



   <div style="font-size: 18px;">

     <p>

         There are more than 5500 management institutes offering post graduate
courses in management across India. Yet not even a handful figure in

         the Global Top 200 B-school ranking. The SVKM's NMIMS Navi Mumbai
Campus is an absolute exception. SVKM's NMIMS Navi Mumbai Campus ranks

         among the top ten Business Schools in our country and this has been the
legacy of this Premium Management Institute for decades.

     </p>

     <p>

         NMIMS has over the last 35 years grown from a management institute
offering a single product namely MBA education to a Deemed to be

         University offering multiple products through separate schools in
Business Management, Pharmacy, Technology Management & Engineering,

         Hospitality, Architecture, Science, Commerce, Economics and Law. In
addition to recognising seeing the need for specialist schools in

         varied disciplines at the headquarters in Mumbai, the parent body has
also responded to the felt need for centres of excellence across the
```

country, thereby widening the base of quality higher education. It is with this objective that we set up campuses at Shirpur, Bangalore,

Hyderabad, Indore, Navi Mumbai and Dhule. SVKM's NMIMS has established its Navi Mumbai campus to develop students into global organizational

leaders who can create wealth for their organizations. The new campus at Navi Mumbai offers MBA. The admission process for the MBA is through

the "NMAT" by GMAC examination followed by Group Discussion and Personal Interview.

</p>

<p>

The SVKM's NMIMS Navi Mumbai Campus is located in a natural scenic serene environment which provides an ideal atmosphere for pursuing

higher education programs in management away from the noise and pollution of a metro city. SVKM's NMIMS Navi Mumbai Campus provides an

idyllic environment to engage in learning and the unique distinction of gaining ringside insight to metropolitan corporate dynamics against

a budding and emerging business hub.

</p>

</div>

<hr size="3" noshade width="100%" style="background-color: maroon;">

<div class="container">

<table style="width: 60%; margin-left: auto; margin-right: auto;">
<tr>
<th class="data table-col">Campuses</th>
<th class="data table-col">Administration</th>

```html
        <th class="data table-col"></th>

        <th class="data table-col">Press Room</th>

        <th class="data table-col">Other Links</th>

    </tr>

    <tr>

        <td     class="data"><a     target="_blank"     class="footer-links"
href="https://www.nmims.edu/mumbai/">Mumbai</a><br></td>

        <td class="data"><a href="http://www.nmims.edu/about/offices-and-
administration/chancellor/"          target="_blank"          class="footer-
links">Chancellor</a><br></td>

        <td class="data"></td>

        <td    class="data"><a    href="http://www.nmims.edu/press-room/"
target="_blank" class="footer-links">Press News</a><br></td>

        <td class="data"><a href="http://www.nmims.edu/" target="_blank"
class="footer-links">University Home</a><br></td>

    </tr>

    <tr>

        <td      class="data"><a      target="_blank"      class="footer-links"
href="http://nmimsbengaluru.org/">Bengaluru</a><br></td>

        <td class="data"><a href="http://www.nmims.edu/about/offices-and-
administration/vice-chancellor/"    target="_blank"    class="footer-links">Vice
Chancellor</a><br></td>

        <td class="data"></td>

        <td    class="data"><a    href="http://www.nmims.edu/reports-and-
plans/"       target="_blank"       class="footer-links">Reports       &amp;
Plans</a><br></td>

        <td      class="data"><a      href="http://www.nmims.edu/research/"
target="_blank" class="footer-links">Research</a><br></td>

    </tr>

    <tr>
```

```html
        <td           class="data"><a           target="_blank"           class="footer-links"
href="https://www.nmims.edu/shirpur/">Shirpur</a><br></td>

        <td class="data"><a href="http://www.nmims.edu/about/offices-and-
administration/pro-vice-chancellor/"  target="_blank"  class="footer-links">Pro
Vice Chancellor</a><br></td>

        <td                                                       class="data"><a
href="https://www.nmimsnavimumbai.org/"><img
src="https://www.nmimsnavimumbai.org/images/nmims-footer.png"
alt=""></a></td>

        <td           class="data"><a           target="_blank"           class="footer-links"
href="http://ugc.ac.in/page/Videos-Regarding-Ragging.aspx">UGC    -    Videos
Regarding Ragging</a><br></td>

        <td    class="data"><a    href="http://www.nmims.edu/publications/"
target="_blank" class="footer-links">Publication</a><br></td>

      </tr>

      <tr>

        <td          class="data"><a          target="_blank"          class="footer-links"
href="http://nmimshyderabad.org/">Hyderabad</a><br></td>

        <td class="data"><a href="http://www.nmims.edu/about/offices-and-
administration/administration-team/"        target="_blank"        class="footer-
links">University Administration</a><br></td>

        <td class="data"></td>

        <td          class="data"><a          target="_blank"          class="footer-links"
href="http://www.nad.gov.in">National              Academic              Depository
(NAD)</a><br></td>

        <td          class="data"><a          href="http://www.nmims.edu/corporate/"
target="_blank" class="footer-links">Corporate</a><br></td>

      </tr>

      <tr>

        <td          class="data"><a          target="_blank"          class="footer-links"
href="http://www.nmimsindore.org/">Indore</a><br></td>
```

```html
        <td class="data"><a href="http://www.nmims.edu/faculty-and-staff/"
target="_blank" class="footer-links">Faculty &amp; Staff</a><br></td>

        <td class="data"></td>

        <td class="data"></td>

        <td    class="data"><a    href="http://www.nmims.edu/international/"
target="_blank" class="footer-links">International</a><br></td>

      </tr>

      <tr>

        <td        class="data"><a        target="_blank"        class="footer-links"
href="http://nmimsnavimumbai.org">Navi Mumbai</a><br></td>

        <td class="data"></td>

        <td class="data"></td>

        <td       class="data"><a       href="http://www.nmims.edu/students/"
target="_blank" class="footer-links">Students</a><br></td>

      </tr>

      <tr>

        <td        class="data"><a        target="_blank"        class="footer-links"
href="http://dhule.nmims.edu">Dhule</a></td>

        <td class="data"></td>

        <td class="data"></td>

        <td class="data"></td>

        <td                                                                       class="data"><a
href="https://portal.svkm.ac.in/usermgmt/stepsOfHostelBooking"
target="_blank" class="footer-links">Hostel Application Portal</a><br></td>

      </tr>

      <tr>

        <td class="data"></td>
```

```html
            <td class="data"></td>

            <td class="data"></td>

            <td class="data"></td>

            <td    class="data"><a    href="   https://www.nmims.edu/nmims-old-
website/students/campus-life/hostel-application-form/"         target="_blank"
class="footer-links">Hostel Application Form </a><br></td>

        </tr>

        <tr>

            <td class="data"></td>

            <td class="data"></td>

            <td class="data"></td>

            <td class="data"></td>

            <td  class="data"><a  href="http://www.nmims.edu/students/campus-
life/grievances/"                 target="_blank"                 class="footer-
links">Grievances</a><br></td>

        </tr>

        <tr>

            <td class="data"></td>

            <td class="data"></td>

            <td class="data"></td>

            <td class="data"></td>

            <td   class="data"><a   href="http://www.nmims.edu/education-loan/"
target="_blank" class="footer-links">Education Loans/Financing</a><br></td>

        </tr>

        <tr>

            <td class="data"></td>

            <td class="data"></td>

            <td class="data"></td>
```

```
        <td class="data"></td>

        <td      class="data"><a      href="http://www.nmims.edu/mandatory-
disclosure/"           target="_blank"          class="footer-links">Mandatory
Disclosure</a><br></td>

      </tr>

      <tr>

        <td class="data"></td>

        <td class="data"></td>

        <td class="data"></td>

        <td class="data"></td>

        <td              class="data"><a            href="https://www.aicte-
india.org/feedback/index.php"   target="_blank"   class="footer-links">AICTE
Faculty Feedback</a><br></td>

      </tr>

      <tr>

        <td class="data"></td>

        <td class="data"></td>

        <td class="data"></td>

        <td class="data"></td>

        <td class="data"><a href="http://www.nmims.edu/know-the-identity-
of-nmims/"  target="_blank"  class="footer-links">Know   the   Identity   of
NMIMS</a><br></td>

      </tr>

    </table>

  </div>

</body>

</html>
```

Output:

NMIMS Navi Mumbai
File | E:/College/SEM%20VI/MWA/MWA-Lab/Sessions/Practical/NMIMS%20Web/nmims.html
Financial Dictionary   Library Genesis   DiscUdemy - Free U...   MunGell/awesome-...   Portfolio - Investop...   Moving Averages –...   India's #1 Platform...   Buy & Invest in Digi...

Registeration

SVKM'S NMIMS NAVI MUMBAI CAMPUS

There are more than 5500 management institutes offering post graduate courses in management across India. Yet not even a handful figure in the Global Top 200 B-school ranking. The SVKM's NMIMS Navi

NMIMS Navi Mumbai
File | E:/College/SEM%20VI/MWA/MWA-Lab/Sessions/Practical/NMIMS%20Web/nmims.html
Financial Dictionary   Library Genesis   DiscUdemy - Free U...   MunGell/awesome-...   Portfolio - Investop...   Moving Averages –...   India's #1 Platform...   Buy & Invest in Digi...

There are more than 5500 management institutes offering post graduate courses in management across India. Yet not even a handful figure in the Global Top 200 B-school ranking. The SVKM's NMIMS Navi Mumbai Campus is an absolute exception. SVKM's NMIMS Navi Mumbai Campus ranks among the top ten Business Schools in our country and this has been the legacy of this Premium Management Institute for decades.

NMIMS has over the last 35 years grown from a management institute offering a single product namely MBA education to a Deemed to be University offering multiple products through separate schools in Business Management, Pharmacy, Technology Management & Engineering, Hospitality, Architecture, Science, Commerce, Economics and Law. In addition to recognising seeing the need for specialist schools in varied disciplines at the headquarters in Mumbai, the parent body has also responded to the felt need for centres of excellence across the country, thereby widening the base of quality higher education. It is with this objective that we set up campuses at Shirpur, Bangalore, Hyderabad, Indore, Navi Mumbai and Dhule. SVKM's NMIMS has established its Navi Mumbai campus to develop students into global organizational leaders who can create wealth for their organizations. The new campus at Navi Mumbai offers MBA. The admission process for the MBA is through the "NMAT" by GMAC examination followed by Group Discussion and Personal Interview.

The SVKM's NMIMS Navi Mumbai Campus is located in a natural scenic serene environment which provides an ideal atmosphere for pursuing higher education programs in management away from the noise and pollution of a metro city. SVKM's NMIMS Navi Mumbai Campus provides an idyllic environment to engage in learning and the unique distinction of gaining ringside insight to metropolitan corporate dynamics against a budding and emerging business hub.

Campuses	Administration	Press Room	Other Links
Mumbai	Chancellor	Press News	University Home
Bengaluru	Vice Chancellor	Reports & Plans	Research
Shirpur	Pro Vice Chancellor	UGC - Videos Regarding Ragging	Publication
Hyderabad	University Administration	National Academic Depository (NAD)	Corporate
Indore	Faculty & Staff		International
Navi Mumbai			Students
Dhule			Hostel Application Portal
			Hostel Application Form
			Grievances
			Education Loans/Financing
			Mandatory Disclosure

Practical 6 and 7

Aim: Apply styling to Login and Registration forms using External

CSS

Code:

Login.html:

```
<!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">

  <link rel="stylesheet" href="login.css">

  <title>Login Form</title>

</head>

<body>

  <div>

    <h1>Login Form</h1>

    <form name="LogForm" action="login.php" method="post"
onsubmit="return Validation()">

      <p>Username:

        <br>

        <input type="text" name="Uname" id="Uname"/>

      </p>

      <p id="uname-demo" class="demos"></p>


      <p>Password:
```

```html
        <br>
        <input type="password" name="Password" id="Upassword"/>
    </p>
    <p id="pass-demo" class="demos"></p>


    <p>
        <input class="submit-btn buttons" type="submit" value="Login"
name="Submit"/>
    </p>
  </form>
</div>


  <script src="login.js"></script>
</body>
</html>
```

Login.css:

```css
body {
  background-color: aliceblue;
}

div {
  background-color: whitesmoke;
    box-sizing: border-box;
    width: 50%;
    border: 5px solid black;
    align-content: center;
    align-items: center;
```

```css
    margin-left: auto;

    margin-right: auto;

}


h1 {

    text-align: center;

}


form {

        margin: 0 auto;

        width: 600px;

}


.demos {

    color: red;

}


.buttons {

    width: 10%;

}


.buttons:hover {

    background-color: aliceblue;

}
```
Registration.html:

```html
<!DOCTYPE html>
```

```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">
    <link rel="stylesheet" href="register.css">
    <title>Registeration Form</title>
</head>
<body>
    <div>
        <h1>Validation Form</h1>
        <form name="RegForm" action="register.php" method="post">
            <p>Name:
                <br>
                <input type="text" name="Name" id="1name"/>
            </p>
            <p id="name-demo" class="demos"></p>

            <p>E-mail Address:
                <br>
                <input type="email" name="Email" id="2email"/>
            </p>

            <p>Age:
                <br>
                <input type="number" name="Age" id="7age" min="18" max="25" required/>
```

```html
</p>
<p id="age-demo" class="demos"></p>


<p>Password:

   <br>

   <input type="password" name="Password" id="3password"/>
</p>


<p>Re-enter Password:

   <br>

   <input type="password" name="ConfirmPassword"
id="4confirmpassword"/>
</p>


<p>Phone:

   <br>

   <input type="number" name="Phone" id="5phone"
max="10000000000"/>
</p>
<p id="phone-demo" class="demos"></p>


<p>
   Select course:

   <br>

   <select type="text" value="" name="Subject" id="6course">

     <option>None</option>

     <option>BTECH/BE</option>
```

```html
        <option>BBA</option>

        <option>B.COM</option>

        <option>MBA</option>

        <option>BSC</option>

      </select>

    </p>

    <p id="course-demo" class="demos"></p>


    <p>

      <input class="submit-btn buttons" type="submit" value="Send"
name="Submit" onclick="return Validation()"/>

      <input class="reset-btn buttons" type="reset" value="Reset"
name="Reset"/>

    </p>

  </form>

  </div>


  <script src="register.js"></script>
</body>
</html>
```

Registration.css:

```css
body {

  background-color: aliceblue;

}


div {

  background-color: whitesmoke;
```

```css
        box-sizing: border-box;

        width: 50%;

        border: 5px solid black;

        align-content: center;

        align-items: center;

    margin-left: auto;

    margin-right: auto;

}


h1 {

    text-align: center;

}


form {

        margin: 0 auto;

        width: 600px;

}


.demos {

    color: red;

}


.buttons {

    width: 10%;

}
```
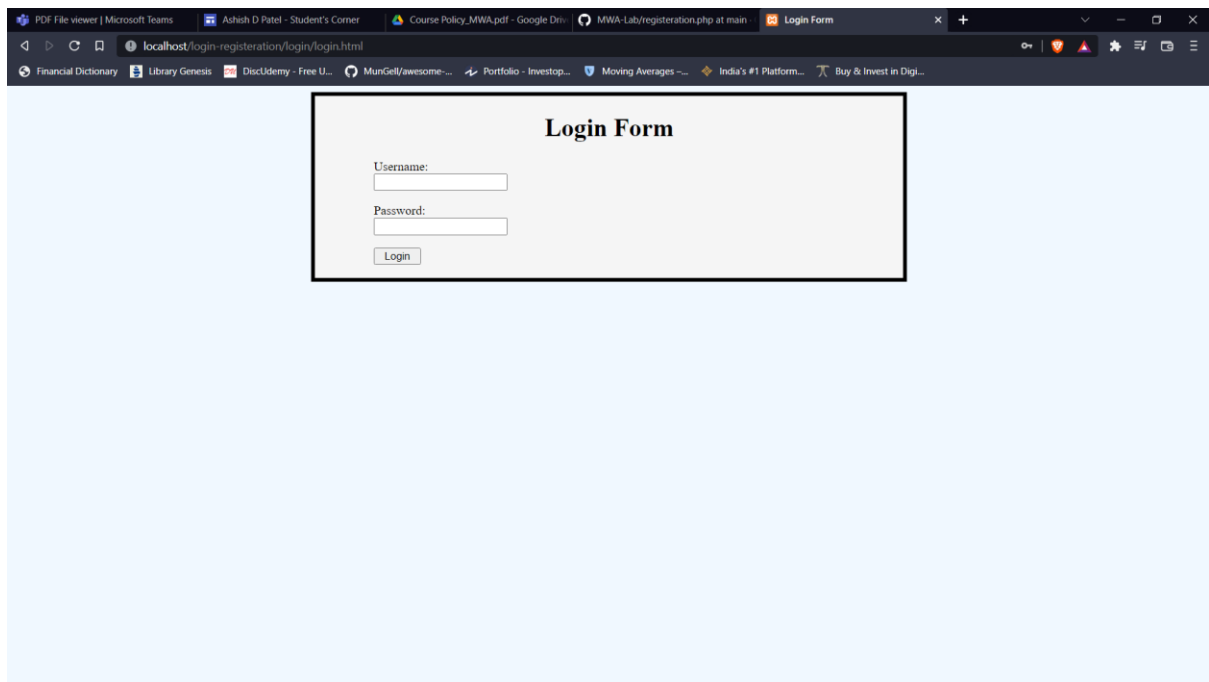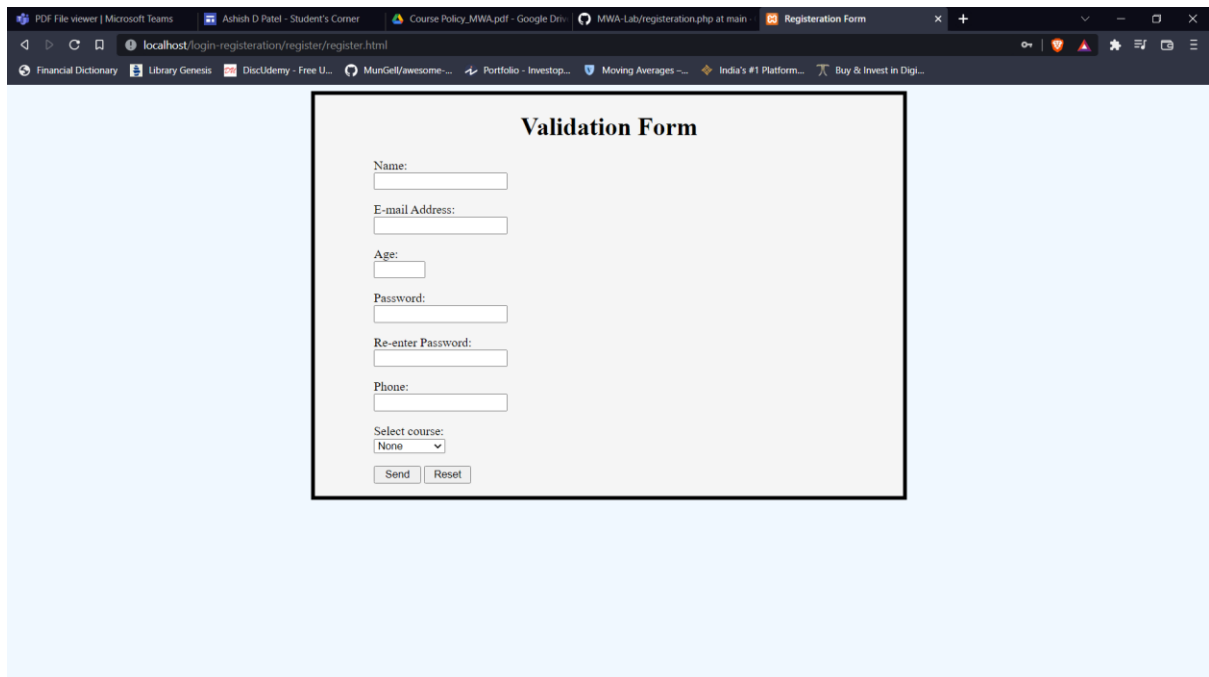
```
.buttons:hover {

    background-color: aliceblue;

}
```

Output:

Practical 8

Aim: Validation of HTML Forms using JavaScript.

Code:

Login.js:

```
function Validation() {

    var user = document.getElementById("Uname").value;

    var pass = document.getElementById("Upassword").value;


    if (user == null || user == ""){

        alert("Username can't be blank");

        return false;

    } else if (pass == null || pass == ""){

        alert("Please enter password");

        return false;

    } else if (user != "Kartik39") {

        alert("Wrong username");

        return false;

    } else if (pass != "70362019039") {

        alert("Wrong password");

        return false;

    }


    return true;

}
```

Login.php:

```
<?php
```

```php
echo "<h1>You are a valid User</h1>";

echo "<h4>Welcome</h4>";

echo "Name: Kartik Padave<br>";

echo "SAP ID: 70362019039<br>";

echo "Course: B.Tech 3rd year<br>";

echo "Email ID: padavekartik@gmail.com<br>";

?>
```

Registration.js:

```javascript
function Validation() {

    var name = document.getElementById("1name");

    var phone = document.getElementById("5phone");

    var subject = document.getElementById("6course");

    var password = document.getElementById("3password");

    var confirmpassword = document.getElementById("4confirmpassword");

    var age = document.getElementById("7age");


    if (name.value == "") {

        document.getElementById("name-demo").innerHTML = "Enter Name";

        return false;

    }


    if(!age.checkValidity()) {

        document.getElementById("age-demo").innerHTML = "You are not eligible
to apply";

        return false;

    }
```

```
    if (password.value == "") {

        window.alert("Please enter a password");

        password.focus();

        return false;

    }


    if (confirmpassword.value != password.value) {

        window.alert("Password does not match");

        confirmpassword.focus();

        return false;

    }


    if(phone.validity.rangeOverflow) {

        document.getElementById("phone-demo").innerHTML = "Enter valid
phone number";

        return false;

    }


    if (subject.selectedIndex < 1) {

        document.getElementById("course-demo").innerHTML = "Choosing a
course is mandatory";

        return false;

    }


    return true;

}
```
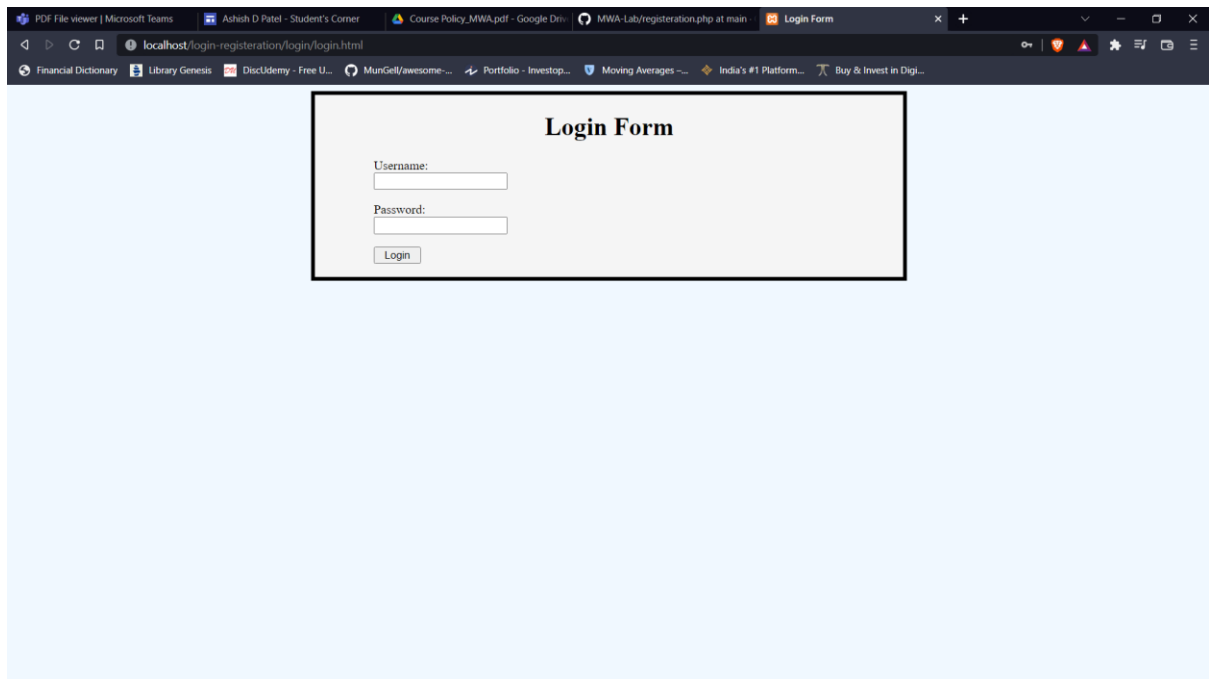
Registration.php:

```html
<!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">
    <link rel="stylesheet" href="register.css">
    <title>Register Output</title>
</head>
<body>
    Welcome <?php echo $_POST["Name"]; ?><br>
    Your email address is: <?php echo $_POST["Email"]; ?><br>
    Your age: <?php echo $_POST["Age"]; ?><br>
    Password you entered: <?php echo $_POST["Password"]; ?><br>
    Your phone number: +91-<?php echo $_POST["Phone"]; ?><br>
    Course: <?php echo $_POST["Subject"]; ?><br>
</body>
</html>
```
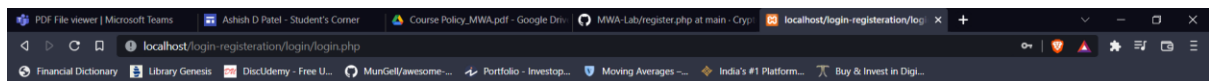
PDF File viewer | Microsoft Teams   Ashish D Patel - Student's Corner   Course Policy_MWA.pdf - Google Driv   MWA-Lab/registeration.php at main   Registeration Form   × +

localhost/login-registeration/register/register.html

Financial Dictionary   Library Genesis   DiscUdemy - Free U...   MunGell/awesome-...   Portfolio - Investop...   Moving Averages -...   India's #1 Platform...   Buy & Invest in Digi...

Validation Form

Name:

E-mail Address:

Age:

Password:

Re-enter Password:

Phone:

Select course:
None

Send   Reset

PDF File viewer | Microsoft Teams   Ashish D Patel - Student's Corner   Course Policy_MWA.pdf - Google Driv   MWA-Lab/register.php at main · Cryp   Register Output   × +

localhost/login-registeration/register/register.php

Financial Dictionary   Library Genesis   DiscUdemy - Free U...   MunGell/awesome-...   Portfolio - Investop...   Moving Averages -...   India's #1 Platform...   Buy & Invest in Digi...

Welcome Kartik Padave
Your email address is: padavekartik@gmail.com
Your age: 21
Password you entered: ShinigamiLeo3000@
Your phone number: +91-7208769807
Course: BBA

Practical 9

Aim: Designing Bootstrap Application

Code:

Index.html:

```
<!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">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p" crossorigin="anonymous"></script>

    <link rel="stylesheet" href="index.css">

    <script src="index.js"></script>

    <title>Bootstrap Website | Landing</title>

</head>

<body>

    <ul class="nav justify-content-center">

        <li class="nav-item">

            <a class="nav-link" href="#">Home</a>
```

```html
    </li>
    <li class="nav-item">
      <a class="nav-link" href="#">About</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="#">Works</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="#">Contact</a>
    </li>
  </ul>


  <br>
  <br>
  <br>


  <div class="container">
    <h1>About</h1>
    <p>
      Lorem Ipsum is simply dummy text of the printing and typesetting
industry. Lorem Ipsum has been the industry's standard dummy text ever
      since the 1500s, when an unknown printer took a galley of type and
scrambled it to make a type specimen book. It has survived not only
      five centuries, but also the leap into electronic typesetting, remaining
essentially unchanged. It was popularised in the 1960s with the
      release of Letraset sheets containing Lorem Ipsum passages, and more
recently with desktop publishing software like Aldus PageMaker
```

```
            including versions of Lorem Ipsum.
        </p>
    </div>


    <br>

    <br>

    <br>


    <div class="container features works">
        <div class="row">
            <div class="card" style="width: 18rem;">
                <img src="../../images/Bg_Katherine Liu.png" class="card-img-top"
alt="...">
                <div class="card-body">
                    <h5 class="card-title">Work 1</h5>
                    <p class="card-text">Description of work 1.</p>
                    <a href="#" class="btn btn-primary">Go somewhere</a>
                </div>
            </div>
            <div class="card" style="width: 18rem;">
                <img src="../../images/bg_joolz.png" class="card-img-top" alt="...">
                <div class="card-body">
                    <h5 class="card-title">Work 2</h5>
                    <p class="card-text">Description of work 2.</p>
                    <a href="#" class="btn btn-primary">Go somewhere</a>
                </div>
            </div>
```

```html
        <div class="card" style="width: 18rem;">
            <img src="../../images/bg_Namocchi.jpeg" class="card-img-top" alt="...">
            <div class="card-body">
              <h5 class="card-title">Work 3</h5>
              <p class="card-text">Description of work 3.</p>
              <a href="#" class="btn btn-primary">Go somewhere</a>
            </div>
        </div>
        <div class="card" style="width: 18rem;">
            <img src="../../images/bg_saphrinna.jpeg" class="card-img-top" alt="...">
            <div class="card-body">
              <h5 class="card-title">Work 4</h5>
              <p class="card-text">Description of work 4.</p>
              <a href="#" class="btn btn-primary">Go somewhere</a>
            </div>
          </div>
        </div>

    <br>
    <br>
    <br>
  </div>

  <div class="col-lg-4 col-md-4 col-sm-12">
    <h3 class="feature-title">Get in Touch !</h3>
```

```html
        <div class="form-group">

            <input type="text" class="form-control" placeholder="Name" name="">

        </div>

        <div class="form-group">

            <input type="email" class="form-control" placeholder="EmailAdress"
name="email">

        </div>

        <div class="form-group">

            <textarea rows="4" class="form-control"
placeholder="Message"></textarea>

        </div>

        <br>

        <button type="button" class="btn btn-primary">Send</button>

    </div>


    <br>

    <br>

    <br>

</body>

</html>
```

Index.css:

```css
body {

    padding: 0;

    margin: 0;

    background: #3c3c3c;

}
```

```css
.nav {
    background: radial-gradient(92.33% 4771.2% at 51.77% 100%, #0000FF 0%,
#9900CC 43.14%, #0000FF 100%);
    font-size: 20px;
}


.nav-item {
    margin-right: 20px;
}


.nav-link {
    color: #fff;
    cursor: pointer;
}


.nav-link:hover {
    color: #708090;
}


.feature-title {
    color: whitesmoke;
}


button {
    background-color: #0000FF;
    color: white;
}
```
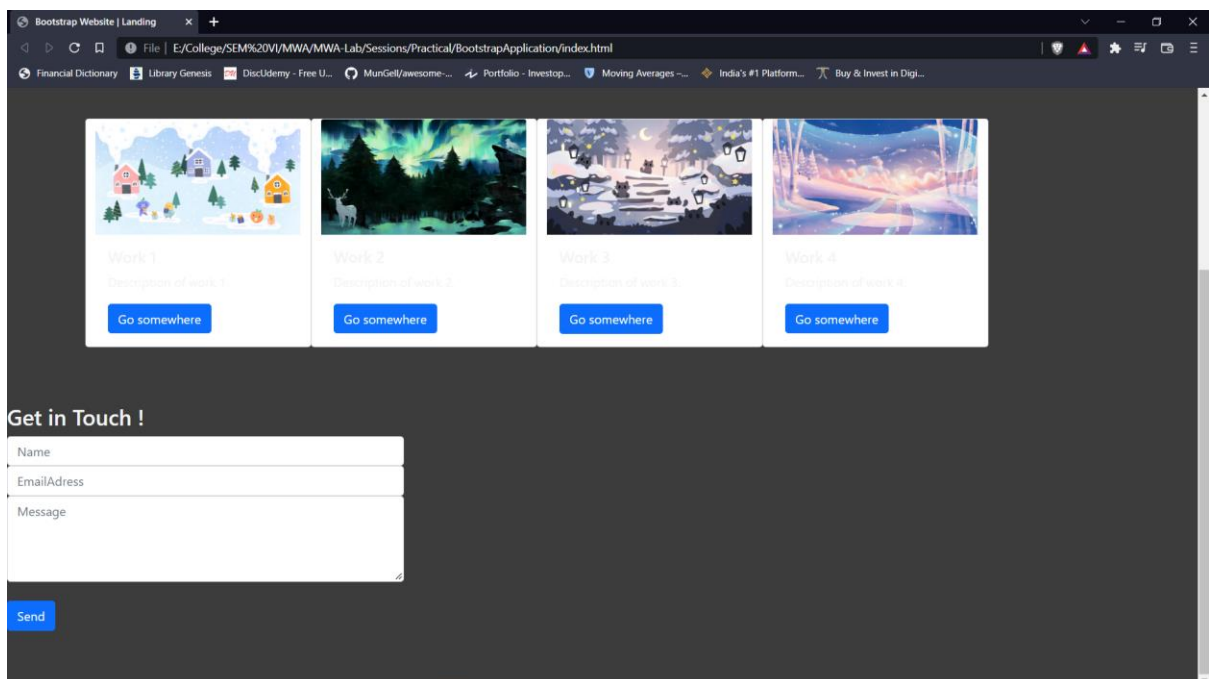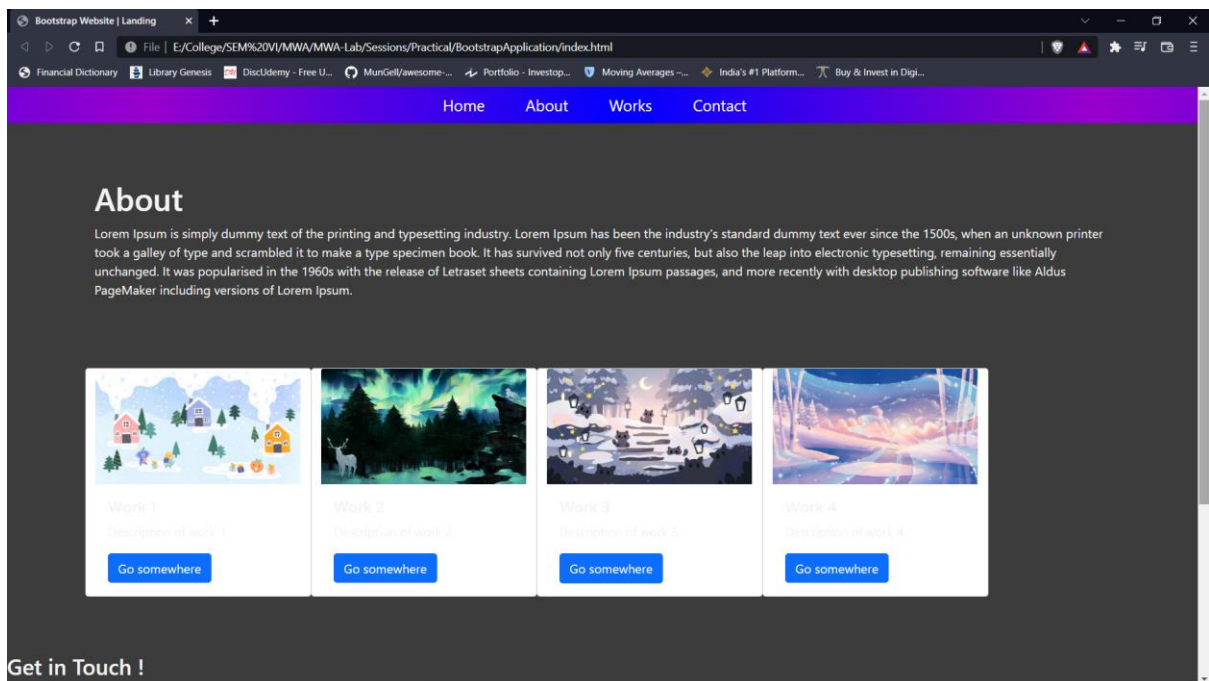
```css
button:hover {
    background-color: white;
    color: #9900CC;
}


.container {
    color: whitesmoke;
}
```

Output:

Practical 10

Aim: Designing Angular JS Application

Code:

Index.html:

```html
<!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">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.1/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/angularjs/1.3.4/angular.min.js"></script>
    <script src="index.js"></script>
    <script src="main.ctrl.js"></script>
    <title>Angular JS application</title>
</head>
<body ng-app="app" ng-controller="MainController as main">
    <div class="container">
        <h1>{{main.title}}</h1>
        <div class="input-group">
            <span class="input-group-addon">
                <span class="glyphicon glyphicon-search"></span>
            </span>
            <input type="text" class="form-control" ng-
model="main.searchInput">
        </div>
        <h3>A list of Books</h3>
        <ul class="list-group">
            <li class="list-group-item" ng-repeat="show in main.shows |
filter:main.searchInput | orderBy:main.order.key:main.order.reverse">
                <span class="glyphicon glyphicon-star" ng-
if="show.favorite"></span>{{show.title}}<span
class="badge">{{show.author}}</span>
            </li>
        </ul>
        <select class="form-control pull-right" ng-model="main.order" ng-
options="order as order.title for order in main.orders"></select>
        <div class="clearfix"></div>
        <h3>Add a new Book</h3>
        <form name="main.addForm" class="form" ng-submit="main.addShow()">
            <div class="form-group">
                <label>Title</label>
```

```html
                    <input type="text" class="form-control" ng-
model="main.new.title" required />
            </div>
            <div class="form-group">
                <label>Author</label>
                <input type="text" class="form-control" ng-
model="main.new.author" required />
            </div>
            <div class="row">
                <div class="col-xs-6">
                    <label>Favorite: <input type="checkbox" ng-
model="main.new.favorite" /></label>
                </div>
                <div class="col-xs-6">
                    <button class="btn btn-success pull-right">
                        <span class="glyphicon glyphicon-plus-sign"></span>
                        Add
                    </button>
                </div>
            </div>
        </form>
    </div>
    <script  src="./script.js"></script>
</body>
</html>
```

Index.js:

```js
angular.module('app', []);

angular.module('app').controller("MainController", function() {
    var vm = this;
    vm.title = 'AngularJS Practicle Example';
    vm.searchInput = '';
    vm.shows = [{
        title: '2 States',
        author: 'Chetan Bhagat',
        favorite: false
    },
    {
        title: 'Life of Pi',
        author: 'Davan',
        favorite: true
    },
    {
        title: 'Wings of Fire',
        author: 'APJ Abdul Kalam',
        favorite: true
    },
    {
```

```javascript
            title: 'I too have a gf',
            author: 'Chetan Bhagat',
            favorite: false
        },
        {
            title: 'The Sealed Nector',
            author: 'Raheeq',
            favorite: true
        }];
        vm.orders= [{
            id: 1,
            title: 'Author Ascending',
            key: 'author',
            reverse: false
        },
        {
            id: 2,
            title: 'Author Descending',
            key: 'author',reverse: true
        },
        {
            id: 3,
            title: 'Title Ascending',
            key: 'title',
            reverse: false
        },
        {
            id: 4,
            title: 'Title Ascending',
            key: 'title',
            reverse: true
        }];
        vm.order = vm.orders[0];
        vm.new = {};
        vm.addShow = function() {
            vm.shows.push(vm.new);
            vm.new = {};
            };
});
```

Output:

Practical 10

Aim: To study RESTful services

Theory:

RESTful Web Services are basically REST Architecture based Web Services. In REST Architecture everything is a resource. RESTful web services are light weight, highly scalable and maintainable and are very commonly used to create APIs for web-based applications. This tutorial will teach you the basics of RESTful Web Services and contains chapters discussing all the basic components of RESTful Web Services with suitable examples.RESTful web services are built to work best on the Web. Representational State Transfer (REST) is an architectural style that specifies constraints, such as the uniform interface, that if applied to a web service induce desirable properties, such as performance, scalability, and modifiability, that enable services to work best on the Web. In the REST architectural style, data and functionality are considered resources and are accessed using Uniform Resource Identifiers (URIs), typically links on the Web. The resources are acted upon by using a set of simple, well-defined operations. The REST architectural style constrains an architecture to a client/server architecture and is designed to use a stateless communication protocol, typically HTTP. In the REST architecture style, clients and servers exchange representations of resources by using a standardized interface and protocol.

The following principles encourage RESTful applications to be simple, lightweight, and fast:

- Resource identification through URI: A RESTful web service exposes a set of resources that identify the targets of the interaction with its clients. Resources are identified by URIs, which provide a global addressing space for resource and service discovery. See The @Path Annotation and URI Path Templates for more information.
- Uniform interface: Resources are manipulated using a fixed set of four create, read, update, delete operations: PUT, GET, POST, and DELETE. PUT creates a new resource, which can be then deleted by using DELETE. GET retrieves the current state of a resource in some representation. POST transfers a new state onto a resource. See Responding to HTTP Methods and Requests for more information.

- Self-descriptive messages: Resources are decoupled from their representation so that their content can be accessed in a variety of formats, such as HTML, XML, plain text, PDF, JPEG, JSON, and others. Metadata about the resource is available and used, for example, to control caching, detect transmission errors, negotiate the appropriate representation format, and perform authentication or access control. See Responding to HTTP Methods and Requests and Using Entity Providers to Map HTTP Response and Request Entity Bodies for more information.
- Stateful interactions through hyperlinks: Every interaction with a resource is stateless; that is, request messages are self-contained. Stateful interactions are based on the concept of explicit state transfer. Several techniques exist to exchange state, such as URI rewriting, cookies, and hidden form fields. State can be embedded in response messages to point to valid future states of the interaction. See Using Entity Providers to Map HTTP Response and Request Entity Bodies and "Building URIs" in the JAX-RS Overview document for more information.