```html
<html>

<body style="background-color:#ffcc00; color:black; font-family:verdana; font-size:14px;">

<h3>Department of Computer Applications(MCA)</h3>

About Department<br>
```

The Master of Computer Applications program was accredited by National Board of Accreditation(NBA). This program was established in the year 1999 and is the first PG program started in Dr. Ambedkar Institute of Technology, which is affiliated to Visvesvaraya Technological University, Belagavi and Approved by All India Council for Technical Education(AICTE). Currently, this department is offering one PG program and one Ph.D. program in various specializations of Computer Applications, The MCA program received academic autonomy in the year 2016. There has been an increasing trend in the number of students getting placed in National and International IT companies and in top corporate bodies during the recent past. The faculty members are highly qualified and experienced with Doctorate degrees. The department is having five doctorate degree holders guiding 10 research scholars for their PhD degrees. The Department is equipped with state-of-the-art infrastructure and computing facilities with High-speed Internet facility.

The Curricula and Syllabi of Master of Computer Applications (MCA) course offered by Dr. AIT is designed considering the need for different Software Houses in India and abroad and has a high job potential in IT Sector in India and abroad as per Outcome-Based Education. The Master of Computer Applications program was accredited by National Board of Accreditation(NBA). This program was established in the year 1999 and is the first PG program started in Dr. Ambedkar Institute of Technology, which is affiliated to Visvesvaraya Technological University, Belagavi and Approved by All India Council for Technical Education(AICTE). Currently, this department is offering one PG program and one Ph.D. program in various specializations of Computer Applications, The MCA program received academic autonomy in the year 2016. There has been an increasing trend in the number of students getting placed in National and International IT companies and in top corporate bodies during the recent past. The faculty members are highly qualified and experienced with Doctorate degrees. The department is having five doctorate degree holders guiding 10 research scholars for their PhD degrees. The Department is equipped with state-of-the-art infrastructure and computing facilities with High speed Internet facility.

The Curricula and Syllabi of Master of Computer Applications (MCA) course offered by Dr. AIT is designed considering the need for different Software Houses in India and abroad and has a high job potential in IT Sector in India and abroad as per Outcome Based Education.</br>

```html
</body>

</html>
```

```html
<html>

<body style="background-color:#ffcc00; color:white; font-family:verdana; font-size:14px;">

</body>

</html>
```

```html
<html>

<head>

<title>MCA dept</title>

</head>

<frameset rows="100,*,25" frameborder="0" border="0">

<frame name="head" src="1header.html">

<frameset cols="200,*" frameborder="0" border="0">
```

```html
<frame name="menu" src="1menu.html" scrolling="auto" noresize>

<frame name="content" src="1center.html" scrolling="auto" noresize>

</frameset>

<frameset>

<frame name="footer" src="footer.html">

</frameset>

<noframes></noframeSs>

</html>
```

```html
<html>

<body style="background-color:#CCCC00; color:white; font-family:verdana; font-size:14px;">

<h1 align="center">Dr.Ambedkar Institute of Technology</h1>

<h3 align="center">Department of Master of Computer Application</h3>

</body>

</html>
```

```html
<html>

<body style="background-color:#ff6600; color:black; font-family:verdana; font-size:14px;">

<h2>MCA Dept Information</h2>

<h3>

<a href="1abt.html" target="content">About the Dept</a>

</h3>

<h3>

<a href="1tt.html" target="content">Time Table</a>

</h3>

<h3>

<a href="1syllabus.html" target="content">Syllabus</a>

</h3>

<h3>

<a href="ait" target="content">Photo Gallary</a>

</h3>

<h3>

<a href="1text.html" target="content">Text Formating Tags</a>

</h3>

</body>

</html>
```

```html
<html>
<head>
<title>MCA Syllabus</title>
</head>
<body style="background-color:#ffcc00; color:black";>
<h2 align="center">MCA Syllabus</h2>
<ol> <h2>I Semester</h2>
<li>C Programming</li>
<li>Web Technology</li>
<li>Java</li>
<li>Computer Networks</li>
<li>Maths</li>
</ol>
<ul> <h2>II Semester</h2>
<li>Python</li>
<li>Data Science</li>
<li>Software Engineering</li>
<li>DBMS</li>
<li>Artificial Intelligence</li>
</ul>
<ol> <h2>III Semester</h2>
<li>ML & DL</li>
<li>Supervised Learning</li>
<li>NLP</li>
<li>Full stack web development</li>
</ol>
</body>
</html>
```

```html
<!DOCTYPE html>
<html>
<body>
<p><b>This text is bold</b></p>
<p><i>This text is italic</i></p>
<p><strong>This text is important</strong></p>
<small>This is some smaller text.</small>
```

```html
<p>Do not forget to buy <mark>milk</mark> today.</p>
<p>My favorite color is <del>blue</del> <ins>red</ins>.</p>
<p>This is<sub> subscript</sub> and <sup>superscript</sup></p>
</body>
</html>
```

```html
<html>
<head>
<title>Time Table</title>
</head>
<body>
<table border="1" align="center" style="font-size:30px;">
<tr>
<td rowspan="2"><img src="ait" alt="" width="150px" height="150px"></td>
<th colspan="7">Dr.Ambedkar Institute of Technology<br>Department of MCA<br>I sem Time Table:Odd sem 2024-25</th>
<td colspan="2">MCA 1st sem WEF:16-12-24<br>Lab1,Lab2,Lab3</td>
</tr>
<tr align="center">
<td>9:00-9:55</td>
<td>9:55-10:50</td>
<td>10:50-11:10</td>
<td>11:10-12:05</td>
<td>12:05-1:00</td>
<td>1:00-1:45</td>
<td>1:45-2:40</td>
<td>2:40-3:35</td>
<td>3:35-4:30</td>
</tr>
<tr align="center">
<th>MON</th>
<td>CN</td>
<td>Java</td>
<td rowspan="6" align="center">B<br>R<br>E<br>A<br>K<br></td>
<td>WT</td>
<td>DSA</td>
<td rowspan="6" align="center">L<br>U<br>N<br>C<br>H<br></td>
```

```html
<td>C</td>

<td></td>

<td></td>

</tr>

<tr align="center">

<th>TUE</th>

<td>WT</td>

<td>Java</td>

<td>DSA</td>

<td>Maths</td>

<td></td>

<td></td>

<td></td>

</tr>

<tr align="center">

<th>WED</th>

<td>Maths</td>

<td>CN</td>

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

<td colspan="2">Java or WT Lab</td>

<td>BC</td>

</tr>

<tr align="center">

<th>THUR</th>

<td>C</td>

<td>WT</td>

<td>CN</td>

<td>DSA</td>

<td colspan="2">Java or WT Lab</td>

<td>BC</td>

</tr>

<tr align="center">

<th>FRI</th>

<td>Maths</td>

<td>C</td>

<td>Maths</td>

<td>Java</td>
```

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

<td>BC</td>

</tr>

<tr align="center">

<th>SAT</th>

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

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

<td></td>

<td></td>

<td></td>

</tr>

</table>

</body>

</html>
```

<mark>2a</mark>

```
<!DOCTYPE html>

<html>

<head>

    <title>Document</title>

    <link rel="stylesheet" href="2a.css">

</head>

<body>

    <h1>Dr AmbedKar Institute of Technology</h1>

    <h2>Table tag Properties</h2>

    <table align="center">

        <tr>

            <th>First Name</th>

            <th>Last Name</th>

        </tr>

        <tr>

            <td>Kavya </td>

            <td>R</td>

        </tr>

        <tr>

            <td>Geetha</td>

            <td>C</td>

        </tr>
```

```html
        <tr>

            <td>Darshu</td>

            <td>R</td>

        </tr>

    </table>

</body>

</html>
```

```css
h1

{

    font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;

    font-size: 20PX;

    color: black;

    background-color: plum;

    border: 3PX double purple;

    padding: 50PX 20PX 50PX 20PX;

    height: 50PX;

    width: 100%;

    text-align: center;

    text-decoration: wavy;

}

h2{

    text-align: center;

    color:brown;


}

table,th,td{

    border: 2px solid;

    width: 50%;

    text-align: center;

    padding: 15px;


}

tr:hover{background-color: palevioletred;}

th{

    background-color: pink;

    color:blueviolet
```

}

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <style>

        .p1{

            margin: 20px;

            background-color: yellow;

            color: blue;

        }

        .p2{

            font-size: 18pt;

            font-family: Arial;

            font-style: italic;


        }

        .p3{

            text-indent: 1cm;

            background-color:green ;

            color: white;

        }

    </style>

</head>

<body>

    <p class="p1">Dr. Ambedkar Institute of Technology (Dr. AIT) was founded by M.H. Jayaprakash Narayan in 1980.
Named after Dr. B.R. Ambedkar, the institute is affiliated to Visvesvaraya Technological University (VTU), Belagavi and is
recognized and accredited by AICTE and NBA respectively. The institution is accredited by NAAC with 'A+' Grade. The
Institution has achieved 163 Rank in National Institutional Ranking Framework (NIRF). The institute offers graduate,
post graduate and doctoral courses in all its disciplines. In the year 2010, academic autonomy was conferred by the
University Grants Commission, New Delhi, which has enabled the institution to frame its own curriculum, examinations
and awarding of the degrees.</p>

    <p class="p2">The Master of Computer Applications program was accredited by National Board of
Accreditation(NBA). This program was established in the year 1999 and is the first PG program started in Dr. Ambedkar
Institute of Technology, which is affiliated to Visvesvaraya Technological University, Belagavi and Approved by All India
Council for Technical Education(AICTE). </p>
```

<p class="p3">The department of MBA was established in the year 2001 and offering major core courses and elective courses covering production, marketing, finance, human resource, international business, entrepreneurship, banking, insurance, technology and operations. The MBA programme is affiliated to Visvesvaraya Technological University (VTU) and approved by All India Council for Technical Educations (AICTE). The MBA program received the academic autonomy in the year 2016. Our curriculum is very unique and designed to cover the academic, industry and research components in all the courses offered in the program.</p>

<p class="p1">The department has well equipped laboratories. Licensed software such as Xilinx, MATLAB, Oracle and Microsoft products are used to conduct laboratory experiments. Facilities are available to carry out projects in Artificial Intelligence, Cloud Computing, Big Data Analytics, IOT, Computer Networks, Cyber Security & Cyber Forensics domains. The department encourages students to take up MOOC based online courses in SWAYAM-NPTEL, Coursera and Udacity. </p>

<p class="p2">The department has fourteen highly qualified and motivated faculty members out of which six are Doctorates from recognized universities with diverse specializations like Artificial Intelligence, Big Data Analytics, Adhoc Networks, Wireless Sensor Networks, Software Engineering etc. </p>

<p class="p3">The medical electronics industry is witnessing an exponential growth because of the huge growth in Health Care industry. The current affordability   and accessibility of the products in medical technology to the large Indian population is restricted because of the   high cost of import. The presence of A class hospitals in all tier II   & III cities doubles the need for affordability and accessibility. Medical Electronics   is now under global focus as the health care industry must reach   a population with diverse economy in any region. </p>

</body>

</html>

==3==

<!DOCTYPE html>

<html lang="en">

<head>

 <title>Bootstrap Example</title>

 <meta charset="utf-8">

 <meta name="viewport" content="width=device-width, initial-scale=1">

 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">

 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"></script>

</head>

<body>

<div class="container mt-3">

 <h2>Breadcrumbs</h2>

 <p>The .breadcrumb class indicates the current page's location within a navigational hierarchy:</p>

 <ul class="breadcrumb">

  <li class="breadcrumb-item">Collapse

  <li class="breadcrumb-item">Carousal

  <li class="breadcrumb-item">Cards


```
        </div>


    </body>
    </html>
```

```
<!DOCTYPE html>

<html lang="en">

<head>

  <title>Bootstrap Example</title>

  <meta charset="utf-8">

  <meta name="viewport" content="width=device-width, initial-scale=1">

  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">

  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"></script>

</head>

<body>


<div class="container mt-3">

  <h2>brief About Karnataka</h2>

  <p>Click on the button to toggle between showing and hiding content.</p>

  <button type="button" class="btn btn-primary" data-bs-toggle="collapse" data-bs-target="#demo">Simple collapsible</button>

  <div id="demo" class="collapse">

   Capital of Karnataka is Bangalore. Kannada is the most widely spoken language in Karnataka. It is the largest state in South India. The neighbouring states of Karnataka are Goa, Maharashtra, Telangana, Andhra Pradesh, Kerala and Tamil Nadu. It is bound by Arabian Sea to its West. Karnataka has many colleges and universities serving the needs of a large Indian population. The silicon valley of India is located in Karnataka. There are many scientific organisations located in Karnataka. Karnataka is the 6th largest state in India by area and 8th largest state in India by population. There are 31 districts in the state of Karnataka. Karnataka was earlier known as the State of Mysore. Some of the most famous tourist attractions in Karnataka are its beaches, Mysore Palace, Hampi, Badami, Aihole, Pattadakal, Coorg, Shivanasamudra Falls, Jog Falls, different wildlife sanctuaries etc. Karnataka has many Eastward flowing and Westward flowing rivers.

  </div>

</div>

</body>

</html>
```

```
<html lang="en">

<head>

  <title>Bootstrap Example</title>

  <meta charset="utf-8">
```

```html
<meta name="viewport" content="width=device-width, initial-scale=1">
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"></script>
</head>
<body>


<!-- Carousel -->
<div id="demo" class="carousel slide" data-bs-ride="carousel">


  <!-- Indicators/dots -->
  <div class="carousel-indicators">
    <button type="button" data-bs-target="#demo" data-bs-slide-to="0" class="active"></button>
    <button type="button" data-bs-target="#demo" data-bs-slide-to="1"></button>
    <button type="button" data-bs-target="#demo" data-bs-slide-to="2"></button>
  </div>


  <!-- The slideshow/carousel -->
  <div class="carousel-inner">
    <div class="carousel-item active">
      <img src="Flower" alt="Mother" class="d-block" style="width:60%">
    </div>
    <div class="carousel-item">
      <img src="bird" alt="Mother" class="d-block" style="width:60%">
    </div>
    <div class="carousel-item">
      <img src="nature" alt="Father" class="d-block" style="width:60%">
    </div>
  </div>


  <!-- Left and right controls/icons -->
  <button class="carousel-control-prev" type="button" data-bs-target="#demo" data-bs-slide="prev">
    <span class="carousel-control-prev-icon"></span>
  </button>
  <button class="carousel-control-next" type="button" data-bs-target="#demo" data-bs-slide="next">
    <span class="carousel-control-next-icon"></span>
  </button>
</div>
```

```html
<div class="container-fluid mt-3">
  <h3>Carousel Example</h3>
  <p>The following example shows how to create a basic carousel with indicators and controls.</p>
</div>

</body>

</html>
```

<mark>3card</mark>

```html
<!DOCTYPE html>

<html lang="en">

<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"></script>
</head>

<body>


<div class="container mt-3">
  <h2>Card Image</h2>
  <p>Image at the top (card-img-top):</p>
<div class="row">
<div "col-sm-3 p-3">
  <div class="card" style="width:400px">
    <img class="card-img-top" src="bird" alt="Card image" style="width:100%">
    <div class="card-body">
      <h4 class="card-title">Wonderla</h4>
      <p class="card-text">Wonderla Bangalore offers fun activities for the whole family and that is what makes it one of the most popular tourist places near Bangalore within 50 kms.</p>
      <a href="#" class="btn btn-primary">See Profile</a>
    </div>
  </div>
  <br>
</div>


  <p>Image at the bottom (card-img-bottom):</p>
```

```html
    <div class="card" style="width:400px">

      <div class="card-body">

        <h4 class="card-title">Shivagange Hill</h4>

        <p class="card-text">Shivaganga Hill is a peak near Bangalore which is frequented by hikers and trekkers for adventure and for pilgrims because of a Hindu shrine situated at the summit. </p>

        <a href="#" class="btn btn-primary">See Profile</a>

      </div>

      <img class="card-img-bottom" src="Flower" alt="Card image" style="width:100%">

    </div>

  </div>

</body>

</html>
```

4

```html
<!DOCTYPE html>

<html lang="en">

<head>

  <title>Nav</title>

  <meta charset="utf-8">

  <meta name="viewport" content="width=device-width, initial-scale=1">

  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">

  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"></script>

</head>

<body>


<div class="container mt-3">

  <h2>Nav</h2>

  <p>Basic horizontal menu:</p>

  <ul class="nav">

    <li class="nav-item">

      <a class="nav-link" href="4img.html">Home</a>

    </li>

    <li class="nav-item">

      <a class="nav-link" href="4login.html">Login Page</a>

    </li>


  </ul>

</div>
```

```
</body>

</html>
```

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Bootstrap Image Styling</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet">

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"></script>

<style>

   /* Custom style to add spacing between images */

   img{

      margin-right: 20px;

   }

</style>

</head>

<body>

<div class="m-4">

   <img src="bird" class="rounded" alt="Rounded Image">

   <img src="Flower" class="rounded-circle" alt="Circular Image">

   <img src="nature" class="img-thumbnail" alt="Thumbnail Image">

</div>

</body>

</html>
```

```
<!DOCTYPE html>

<html>

<head>

 <meta name="viewport" content="width=device-width, initial-scale=1">

 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1/jquery.min.js"></script>

 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

 <style>

 .modal-header, h4, .close {

   background-color: #5cb85c;
```

```css
      color:white !important;

      text-align: center;

      font-size: 30px;

  }

  .modal-footer {

    background-color: #f9f9f9;

  }

  </style>
```
</head>
<body>

```html
<div class="container">
  <h2> Modal for sign in page  </h2>
  <!-- Trigger the modal with a button -->
  <button type="button" class="btn btn-default btn-lg" id="myBtn">Login</button>


  <!-- Modal -->
  <div class="modal fade" id="myModal" role="dialog">
    <div class="modal-dialog">


      <!-- Modal content-->
      <div class="modal-content">
        <div class="modal-header" style="padding:35px 50px;">
          <button type="button" class="close" data-dismiss="modal">&times;</button>
          <h4><span class="glyphicon glyphicon-lock"></span> Login</h4>
        </div>
        <div class="modal-body" style="padding:40px 50px;">
          <form role="form">
            <div class="form-group">
              <label for="usrname"><span class="glyphicon glyphicon-user"></span> Username</label>
              <input type="text" class="form-control" id="usrname" placeholder="Enter email">
            </div>
            <div class="form-group">
              <label for="psw"><span class="glyphicon glyphicon-eye-open"></span> Password</label>
              <input type="text" class="form-control" id="psw" placeholder="Enter password">
            </div>
            <div class="checkbox">
```

```
            <label><input type="checkbox" value="" checked>Remember me</label>

        </div>

        <button type="submit" class="btn btn-success btn-block"><span class="glyphicon glyphicon-off"></span>
Login</button>

      </form>

    </div>

    <div class="modal-footer">

      <button type="submit" class="btn btn-danger btn-default pull-left" data-dismiss="modal"><span
class="glyphicon glyphicon-remove"></span> Cancel</button>

      <p>Not a member? <a href="#">Sign Up</a></p>

      <p>Forgot <a href="#">Password?</a></p>

    </div>

   </div>


  </div>

 </div>

</div>

<script>

$(document).ready(function(){

 $("#myBtn").click(function(){

  $("#myModal").modal();

 });

});

</script>

</body>

</html>
```

`5a`

```
<html>

<head>

  <title>Popcorn Order Form</title>

  <script>

  function validateForm() {

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

      var address = document.getElementById("address").value;

      if (name === "" || address === "") {

        alert("Please enter your name and address.");

        return false;
```

```
                }

            var quantities = document.getElementsByClassName("quantity");

            for (var i = 0; i < quantities.length; i++) {

                var quantity = quantities[i].value;

                if (isNaN(quantity) || quantity <= 0) {

                    alert("Please enter a valid quantity for all products.");

                    return false;

                }

            }

            return true;

        }

        function calculateTotal() {

            var products = [

                { id: "small", price: 100 },

                { id: "medium", price: 70 },

                { id: "large", price: 50 }

            ];

var total = 0;

            products.forEach(product => {

                let quantity = document.getElementById(product.id).value;

                let subtotal = quantity * product.price;

                document.getElementById(product.id + "Total").innerText = "$" + subtotal;

                total += subtotal;

            });

            document.getElementById("grandTotal").innerText = "$" + total;

        }


        function clearForm() {

            document.getElementById("orderForm").reset();

            document.getElementById("smallTotal").innerText = "$0";

            document.getElementById("mediumTotal").innerText = "$0";

            document.getElementById("largeTotal").innerText = "$0";

            document.getElementById("grandTotal").innerText = "$0";

        }

    </script>
```

```html
</head>
<body>
  <h2>Sales Order Form</h2>
  <form name="myForm" onsubmit="return validateForm()" method="get" action="5b.html">
    <table>
      <tr>
        <td>Name:</td>
        <td><input type="text" id="name" name="name"></td>
      </tr>
      <tr>
        <td>Address:</td>
        <td><input type="text" id="address" name="address" required></td>
      </tr>
  <tr>
        <td>City, State, Zip:</td>
        <td><input type="text" name="cityStateZip" required></td>
      </tr>

    </table>

    <h3>Order Details</h3>
    <table border="1">
      <tr>
        <th>Product</th>
        <th>Price</th>
        <th>Quantity</th>
        <th>Total</th>
      </tr>
      <tr>
        <td>Caramel Popcorn</td>
        <td>$100</td>
        <td><input type="text" id="small" size="2" value="0" oninput="calculateTotal()" name="Caramel"></td>
        <td id="smallTotal">$0</td>
      </tr>
      <tr>
        <td>Cheese Popcorn</td>
        <td>$70</td>
```

```html
      <td><input type="text" id="medium" size="2" value="0" oninput="calculateTotal()" name="Cheese"></td>

      <td id="mediumTotal">$0</td>

    </tr>

    <tr>

      <td>Butter Popcorn</td>

      <td>$50</td>

      <td><input type="text" id="large" size="2" value="0" oninput="calculateTotal()" name="Butter"></td>

      <td id="largeTotal">$0</td>

    </tr>

    <tr>

      <td colspan="3"><strong>Grand Total</strong></td>

      <td id="grandTotal">$0</td>

    </tr>

    </table>


    <h3>Payment Method</h3>

    <input type="radio" name="payment" value="credit" required> Credit Card

    <input type="radio" name="payment" value="debit"> Debit Card

    <input type="radio" name="payment" value="paypal"> PayPal

    <input type="radio" name="payment" value="cash"> Cash on Delivery

    <br><br>

      <button type="submit">Submit Order</button>

    <button type="button" onclick="clearForm()">Clear Order</button>

  </form>

</body>

</html>
```

<mark>5b</mark>

```html
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Order Summary</title>

  <link rel="stylesheet" href="5a.html">

  <script>

    document.addEventListener("DOMContentLoaded", function() {

      // Fetching the URL parameters
```

```javascript
        var urlParams = new URLSearchParams(window.location.search);

        // Collecting form data
        var formData = {
            Name: urlParams.get("name"),
            Address: urlParams.get("address"),
            City: urlParams.get("cityStateZip"),
            CarmelPopcorn: urlParams.get("Caramel"),
            CarmelNutPopcorn: urlParams.get("Cheese"),
            ToffeePopcorn: urlParams.get("Butter"),
            Payment: urlParams.get("payment")
        };

        // Displaying the data
        document.getElementById("name").innerText = formData.Name;
        document.getElementById("address").innerText = formData.Address;
        document.getElementById("city").innerText = formData.City;
        document.getElementById("carmelPopcorn").innerText = formData.CarmelPopcorn;
        document.getElementById("carmelNutPopcorn").innerText = formData.CarmelNutPopcorn;
        document.getElementById("toffeePopcorn").innerText = formData.ToffeePopcorn;
        document.getElementById("payment").innerText = formData.Payment;
    });
    </script>
</head>
<body>
    <h2>Order Summary</h2>
    <p><strong>Name:</strong> <span id="name"></span></p>
    <p><strong>Address:</strong> <span id="address"></span></p>
    <p><strong>City:</strong> <span id="city"></span></p>
    <p><strong>Carmel Popcorn:</strong> <span id="carmelPopcorn"></span></p>
    <p><strong>Carmel Nut Popcorn:</strong> <span id="carmelNutPopcorn"></span></p>
    <p><strong>Toffee Nut Popcorn:</strong> <span id="toffeePopcorn"></span></p>
    <p><strong>Payment Method:</strong> <span id="payment"></span></p>
</body>
</html>
6
<!DOCTYPE html>
```

```html
<head>
    <title>Registration Page</title>
    <script>
    function validateForm() {
        var firstName = document.myform.firstName.value;
        var lastName = document.myform.lastName.value;
        var password = document.myform.password.value;
        var email = document.myform.email.value;
        var mobile = document.myform.mobile.value;
        var address = document.myform.address.value;

        var reg = /^[A-Za-z]{5,30}$/;
        var mailformat = /\S+@\S+\.\S+/;
        var regph = /^[0-9]{10}$/;

        if (!reg.test(firstName)) {
            alert("First Name should contain only alphabets and be at least 5 characters long.");
            return false;
        }

        if (lastName === "") {
            alert("Last Name should not be empty.");
            return false;
        }

         if (password.length < 6) {
            alert("Password should be at least 6 characters long.");
            return false;
        }

        if (!mailformat.test(email)) {
            alert("Please enter a valid email address.");
            return false;
        }

        if (!regph.test(mobile)) {
            alert("Mobile Number should contain exactly 10 digits.");
```

```
            return false;
        }


        if (address === "") {
            alert("Address should not be empty.");
            return false;
        }


        alert("Form submitted successfully!");
        return true;
    }
    </script>
</head>
<body>
    <h2>Registration Form</h2>
    <form name="myform" onsubmit="return validateForm()">
        <label for="firstName">First Name:</label>
        <input type="text" id="firstName" placeholder="Enter First Name"><br><br><br>


        <label for="lastName">Last Name:</label>
        <input type="text" id="lastName" placeholder="Enter Last Name"><br><br><br>


        <label for="password">Password:</label>
        <input type="password" id="password" placeholder="Enter Password"><br><br><br>


        <label for="email">Email:</label>
        <input type="text" id="email" placeholder="Enter Email"><br><br><br>


        <label for="mobile">Mobile Number:</label>
        <input type="text" id="mobile" placeholder="Enter Mobile Number"><br><br><br>


        <label for="address">Address:</label>
        <textarea id="address" name="address" rows="4" cols="50" placeholder="Enter
Address"></textarea><br><br><br>


        <button type="submit">Register</button>
    </form>
```

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

```html
<!DOCTYPE HTML>
<html>
<body>

<form action="display.php" method="post">
Name: <input type="text" name="name"><br></br>

<label> Fuel Type :  </label>
<input type="text" name="ftype"><br></br>
 <label> Vehicle Type :  </label>
<input type="text" name="vtype"><br>
    </br>

<label> Registration No :</label>
<input type="text" name="Regno" size="15"/> <br> <br>

<label> Model :</label>
<input type="text" name="model" size="15"/> <br> <br>
<label> Year of Registration :</label>
<input type="text" name="yor" size="15"/> <br> <br>

Name to search: <input type="text" name="sname"><br></br>

<input type="submit" value="Insert" name="insert">
<input type="submit" value="Report" name="report">
<input type="submit" value="Display" name="display">

</form>
</body>
</html>
```

```php
<?php
$servername = "localhost"; // FIXED: Added server name
$username = "root";
```

```php
$password = "";

$dbname = "mydb"; // Change to actual DB name


// Create connection

$conn = new mysqli($servername, $username, $password, $dbname);


// Check connection

if ($conn->connect_error) {

    die("Connection failed: " . $conn->connect_error);

}


if(isset($_POST["insert"])) {

    $name = $_POST["name"];

    $ftype = $_POST["ftype"];

    $vtype = $_POST["vtype"];

    $regno = $_POST["Regno"];

    $model = $_POST["model"];

    $yor = $_POST["yor"];


    $sql = "INSERT INTO Vehicle (name, ftype, vtype, regno, model, yor)

        VALUES ('$name', '$ftype', '$vtype', '$regno', '$model', '$yor')";


    if ($conn->query($sql) === TRUE) {

        echo "New record created successfully";

    } else {

        echo "Error: " . $sql . "<br>" . $conn->error;

    }

}


if(isset($_POST["display"])) {

    $sname = $_POST["sname"];

    $sql = "SELECT * FROM Vehicle WHERE name LIKE '".$sname."%'";

    $result = $conn->query($sql);

?>


<table border="5">

    <tr>
```

```php
            <th>Name</th>
            <th>Fuel Type</th>
            <th>Vehicle Type</th>
            <th>Registration No</th>
            <th>Model</th>
            <th>Year of Registration</th>
        </tr>

        <?php
        // Output data of each row
        while($row = $result->fetch_assoc()) {
        ?>
            <tr>
                <td><?php echo $row['name'];?></td>
                <td><?php echo $row['ftype'];?></td>
                <td><?php echo $row['vtype'];?></td>
                <td><?php echo $row['Regno'];?></td>
                <td><?php echo $row['model'];?></td>
                <td><?php echo $row['yor'];?></td>
            </tr>
        <?php
        }
        ?>
</table>
<?php
} // Closing the if(isset($_POST["display"]))
$conn->close();
?>

</body>
</html>
```

Cal.php

```php
<?php

// a) Simple Calculator with HTML Interfacing

if (isset($_POST['calculate'])) {
```

```php
    $num1 = $_POST['num1'];

    $num2 = $_POST['num2'];

    $operator = $_POST['operator'];

    $result = "";

    switch ($operator) {

        case '+':

            $result = $num1 + $num2;

            break;

        case '-':

            $result = $num1 - $num2;

            break;

        case '*':

            $result = $num1 * $num2;

            break;

        case '/':

            if ($num2 == 0) {

                $result = "Division by zero!";

            } else {

                $result = $num1 / $num2;

            }

            break;

        default:

            $result = "Invalid operator";

    }

}

?>

<!DOCTYPE html>

<html>

<head>

    <title>Simple Calculator</title>

</head>

<body>

    <h1>Simple Calculator</h1>

    <form method="post">

        <input type="number" name="num1" required placeholder="Enter number 1"><br><br>
```

```html
    <select name="operator">
      <option value="+">+</option>
      <option value="-">-</option>
      <option value="*">*</option>
      <option value="/">/</option>
    </select><br><br>
    <input type="number" name="num2" required placeholder="Enter number 2"><br><br>
    <button type="submit" name="calculate">Calculate</button>
  </form>

  <?php if (isset($result)): ?>
    <h2>Result: <?php echo $result; ?></h2>
  <?php endif; ?>
</body>
</html>
```

Cookie.php

```php
<?php
// b) Store date-time in COOKIE and display "Last visited on"

$lastVisit = isset($_COOKIE['last_visit']) ? $_COOKIE['last_visit'] : "First visit!";
setcookie('last_visit', date("Y-m-d H:i:s"), time() + (365 * 24 * 60 * 60)); // Cookie expires in 1 year

?>

<!DOCTYPE html>
<html>
<head>
  <title>Last Visit</title>
</head>
<body>
  <h1>Welcome!</h1>
  <p>Last visited on: <?php echo $lastVisit; ?></p>
</body>
</html>
```

Visitor.php

```php
<?php
// c) Track and display visitor count
```

```php
$countFile = "visitor_count.txt";

if (file_exists($countFile)) {
    $count = (int)file_get_contents($countFile);
} else {
    $count = 0;
}

$count++;
file_put_contents($countFile, $count);

?>
```

```html
<!DOCTYPE html>
<html>
<head>
    <title>Visitor Count</title>
</head>
<body>
    <h1>Welcome!</h1>
    <h2>You are visitor number: <?php echo $count; ?></h2>
</body>
</html>
```

User.php

```php
<?php
// d) Validate username and password

if (isset($_POST['submit'])) {
    $username = $_POST['username'];
    $password = $_POST['password'];
    $errors = [];

    if (strlen($username) < 6) {
        $errors[] = "Username must be at least 6 characters.";
    }
```

```php
    if (strlen($password) < 6) {

        $errors[] = "Password must be at least 6 characters.";

    }


    if (empty($errors)) {

        echo "Login Successful!"; // In a real application, you would verify against a database

    } else {

        foreach ($errors as $error) {

            echo "<p style='color:red;'>$error</p>";

        }

    }

}


?>
```

```html
<!DOCTYPE html>

<html>

<head>

    <title>Login Form</title>

</head>

<body>

    <h1>Login</h1>

    <form method="post">

        Username: <input type="text" name="username" required><br><br>

        Password: <input type="password" name="password" required><br><br>

        <button type="submit" name="submit">Submit</button>

    </form>

</body>

</html>
```

Json.html

```html
<html>

<body>

<h2>Display JSON data.</h2>


<p id="demo"></p>


<script type="text/javascript" src="data.json" ></script>
```

```
<script>

document.write("Json data Reading");

var mydata = JSON.parse(data);

let txt = "<table border='1'>"

txt+= "<tr><th>" + "Name" + "</th>" + "<th>" + "Age" + "</th>" + "<th>" + "Place" +

"</th></tr>"

for (let x in mydata) {

txt += "<tr><td>" + mydata[x].name + "</td>" + "<td>" + mydata[x].age + "</td>" + "<td>"+ mydata[x].Place +
"</td></tr>";

}

txt += "</table>"

document.getElementById("demo").innerHTML = txt;

</script>

</body>

</html>
```
Data.json
```
mydata ='[{"name" : "bana","age" : "21"."place" : "tumkur"},{"name" : "kavya","age" : "21","place" : "bangalore")]';
```