MAHARAJA SURAJMAL INSTITUTE

Affiliated to GGSIP University & NAAC 'A' grade accredited

DEPARTMENT OF COMPUTER APPLICATIONS

WEB TECHNOLOGIES

Practical File

Subject Code – BCA 175

SUBMITTED BY

Aman Tripathi

111146215262

1st Sem, 2nd Shift

SUBMITTED TO

Mrs. Nikita Malik

Associate Professor. MSI

S.No.	Date	Content
1.	16/12/2021	Create your resume using various basic HTML tags.
2.	17/12/2021	Create the timetable of your class using HTML tags.
3.	23/12/2021	Create the following unordered/ordered nested list as shown in the figure.
4.	24/12/2021	Create a web page with the following specifications: a) an ordered list containing the names of your friends. b) an unordered list specifying hobbies. c) some links to various search engines. d) links to five different web pages, created by you, opening in a new window. e) a link at the top of the page so that when clicked jump all way to the bottom of the page. f) a link at the bottom of the page so that when clicked jump all way to the top of the page.
5.	30/12/2021	Create the following table as shown using HTML.
6.	31/12/2021	Create the following form in HTML as shown in the figure.
7.	03/01/2022	Create an online application form having the following specifications: a) position applied for(autofocus), name, nationality, gender, date of birth (Selected from auto picked of a text area), address, telephone number and email(required), password(required). b) educational history, qualifications and skills(checkbox). c) work experience/employment/training in terms of employer history and number of years of experience selected from a slider. Set max. years of experience to 10 years. d) personal statement. e) two referees including names, occupation, relationship, address, telephone. a submit and clear button.
8.	04/01/2022	Create a web page showing India's map and create hotspots on five different states and link them to the e-government sites of the respective states.
9.	05/01/2022	Create a web page using three frames and link them to an image, audio and video as shown in the figure.
10.	06/01/2022	Create a web page having six frames and link each frame with five different web pages.
11.	07/01/2022	Create the following frameset as shown in the figure.
12.	07/01/2022	Create an Iframe and write some lines before and after it.

Practical 1

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" />

  <title>Resume</title>

</head>


<body>

  <div>

    <center>

      <img style="border-radius: 50%" src="Media/Untitled design (3).png" width=" 200px"
alt="Pofile" />

    </center>

    <h2 style="text-align: center">

      Aman Tripathi <br />Email:- imamantripathi@gmail.com <br />Contact No.:-

      8126406617

    </h2>

  </div>

  <h2 style="padding-left: 100px"><u>Objective</u></h2>

  <p style="padding-left: 100px; padding-right: 200px; font-size: medium">

    <b>Looking for opportunities to incorporate my skills and training to help

      the company grow. I am looking forward to roles that will help me

      realise my potential by exploring the various aspects of this field.</b>

  </p>

  <div style="padding-left: 55px">
```

```
  <ul>
    <h2><u>Education Qualification</u></h2>
    <li style="font-size: medium">
      <b>10th passed from ICSE Board with 81% (2019) </b>
    </li>
    <li style="font-size: medium">
      <b>I got 100/100 Marks in Computer Applications </b>
    </li>
    <li style="font-size: medium">
      <b>12th passed from ISC Board with 80.8% (2021) </b>
    </li>
    <li style="font-size: medium">
      <b>I received a certificate in code jam 2021 </b>
    </li>
  </ul>
</div>
<div style="padding-left: 55px">
  <ul>
    <h2><u>Professional Qualification</u></h2>
    <li style="font-size: medium">
      <b>Basic Knowledge of Computer </b>
    </li>
    <li style="font-size: medium">
      <b>Complete Knowledge of JAVA </b>
    </li>
    <li style="font-size: medium">
      <b>Complete Knowledge of HTML </b>
    </li>
    <li style="font-size: medium">
      <b>Intermediate Knowledge of CSS </b>
    </li>
    <li style="font-size: medium">
```

```
      <b>Basic knowledge of JAVASCRIPT </b>
    </li>
  </ul>
</div>
<div style="padding-left: 55px">
  <ul>
    <h2><u>Hobbies</u></h2>
    <li style="font-size: medium">
      <b>Reading books </b>
    </li>
    <li style="font-size: medium">
      <b>Playing Chess</b>
    </li>
    <li style="font-size: medium">
      <b>Listening Music </b>
    </li>
    <li style="font-size: medium">
      <b>Playing an instrument </b>
    </li>
    <li style="font-size: medium">
      <b>Writing & Art </b>
    </li>
  </ul>
</div>
<div style="padding-left: 55px">
  <ul>
    <h2><u>Interests</u></h2>
    <li style="font-size: medium">
      <b>History(Indian Modern History) </b>
    </li>
    <li style="font-size: medium">
      <b>Website Development</b>
```

```
      </li>
      <li style="font-size: medium">
        <b>Travelling </b>
      </li>
      <li style="font-size: medium">
        <b>Research in IT Sector </b>
      </li>
      <li style="font-size: medium">
        <b>Android Development</b>
      </li>
      <li style="font-size: medium">
        <b>Producing or listening music </b>
      </li>
    </ul>
  </div>
  <br /><br />
  <address style="
        font-size: x-large;
        font-weight: bold;
        text-align: right;
        padding-right: 200px;
      ">
    Aman Tripathi
  </address>
  <br /><br /><br />
</body>


</html>
```

Output:-

Aman Tripathi
Email:- imamantripathi@gmail.com
Contact No.:- 8126406617

Objective

Looking for opportunities to incorporate my skills and training to help the company grow. I am looking forward to roles that will help me realise my potential by exploring the various aspects of this field.

Education Qualification

- **10th passed from ICSE Board with 81% (2019)**
- **I got 100/100 Marks in Computer Applications**
- **12th passed from ISC Board with 80.8% (2021)**
- **I received a certificate in code jam 2021**

Professional Qualification

- **Basic Knowledge of Computer**
- **Complete Knowledge of JAVA**
- **Complete Knowledge of HTML**
- **Intermediate Knowledge of CSS**
- **Basic knowledge of JAVASCRIPT**

Hobbies

- **Reading books**
- **Playing Chess**
- **Listening Music**
- **Playing an instrument**
- **Writing & Art**

Interests

- **History(Indian Modern History)**
- **Website Development**
- **Travelling**
- **Research in IT Sector**
- **Android Development**
- **Producing or listening music**

Aman Tripathi

Practical 2

code:-

```
<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>Collage TimeTable</title>
    <style>
      * {
        padding-top: 25px;
        padding-left: 10px;
        padding-right: 10px;
        margin: 0;
      }
      table,
      th,
      td {
        border: 2px solid black;
      }
      table {
        border-collapse: collapse;
      }
      th,
      td {
        text-align: center;
        padding: 5px 20px 5px 20px;
      }
      div {
        padding: 10px 300px 50px 300px;
```

```
      border: 1px solid black;
      border-radius: 10px;
    }
    caption {
      text-decoration: none;
      font-weight: bolder;
      font-family: "Lucida Sans", "Lucida Sans Regular", "Lucida Grande",
        "Lucida Sans Unicode", Geneva, Verdana, sans-serif;
    }
  </style>
</head>
<body>
  <div style="table-layout: fixed">
    <table>
      <thead>
        <caption>
          Maharaja Surajmal Institute
          <br /><b>Department Of Computer Application</b>
          <br />Online Timetable Second Shift (Session:- DEC-MAY 2021)
        </caption>
        <caption style="padding: 0%; padding-bottom: 20px;">
          <u>BCA-FIRST SEM-Secton:A(Second Shift)</u>
          <br />Class Coordinator: Ms. Nikita Malik
           </caption>
        <tr>
          <th>DAY/TIME</th>
          <th>8:50-9:50</th>
          <th>9:55-10:55</th>
          <th>11:00-12:00</th>
          <th>12:05-01:05</th>
          <!-- <th>01:05-01:20</th> -->
          <th>01:20-02:20</th>
```

```
      <th>02:25-03:25</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <th>MON</th>
      <td>WT</td>
      <td>MATHS</td>
      <td>TC</td>
      <td>C</td>
      <td colspan="2">WT/C LAB</td>
    </tr>
    <tr>
      <th>TUE</th>
      <td>MATHS</td>
      <td>WT</td>
      <td colspan="2">WT/C LAB</td>
      <td colspan="2">FIT LAB</td>
    </tr>
    <tr>
      <th>WED</th>
      <td>C</td>
      <td>MATHS</td>
      <td>WT</td>
      <td>FIT</td>
      <td>TC</td>
    </tr>
    <tr>
      <th>THU</th>
      <td>TC</td>
      <td>C</td>
      <td colspan="2">WT/C LAB</td>
```

```
            <td>FIT</td>
            <td>MATHS(A+B Bridge)</td>
          </tr>
          <tr>
            <th>FRI</th>
            <td colspan="2">WT/C LAB</td>
            <td>C</td>
            <td>FIT</td>
            <td>TC</td>
            <td>WT</td>
          </tr>
          <tr>
            <th>SAT</th>
            <td>MATHS</td>
            <td>FIT</td>
            <td colspan="2">FIT LAB</td>
            <td>MATHS(A+B Bridge)</td>
          </tr>
        </tbody>
      </table>
      <p style="padding: 0%;">
        <b>Maths:-</b>Dr. Jyoti, <b>FIT:-</b>Mr. Suraj Pal Chauhan,
        <b>C:-</b>Ms. Minal Dhankar, <br><b>WT:-</b>Ms. Nikita Malik,
        <b>TC:-</b>Manju Dhillon, <b>C Lab:-</b> Ms. Minal Dhankar, <br>
        <b>FIT Lab:-</b>Mr. Suraj Pal Chauhan / Ms. Kanika Kundu, <b>WT Lab:-</b
        >Ms. Nikita Malik
      </p>
    </div>
  </body>
</html>
```

Output:-

Maharaja Surajmal Institute
Department Of Computer Application
Online Timetable Second Shift (Session:- DEC-MAY 2021)
BCA-FIRST SEM-Secton:A(Second Shift)
Class Coordinator: Ms. Nikita Malik

DAY/TIME	8:50-9:50	9:55-10:55	11:00-12:00	12:05-01:05	01:20-02:20	02:25-03:25
MON	WT	MATHS	TC	C	WT/C LAB	
TUE	MATHS	WT	WT/C LAB		FIT LAB	
WED	C	MATHS	WT	FIT	TC	
THU	TC	C	WT/C LAB		FIT	MATHS(A+B Bridge)
FRI	WT/C LAB		C	FIT	TC	WT
SAT	MATHS	FIT	FIT LAB		MATHS(A+B Bridge)	

Maths:- Dr. Jyoti, **FIT:-** Mr. Suraj Pal Chauhan, **C:-** Ms. Minal Dhankar,
WT:- Ms. Nikita Malik, **TC:-** Manju Dhillon, **C Lab:-** Ms. Minal Dhankar,
FIT Lab:- Mr. Suraj Pal Chauhan / Ms. Kanika Kundu, **WT Lab:-** Ms. Nikita Malik

Practical 3

Code:-

```
<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>List</title>
    <style>
        body {
            align-content: center;
        }


        div {
            font-family: "Lucida Sans", "Lucida Sans Regular", "Lucida Grande",
                "Lucida Sans Unicode", Geneva, Verdana, sans-serif;
```

```
            font-size: medium;


        }
    </style>
</head>


<body>
    <div style="background-color: white">
        <h1>Learning Web Development</h1>
        <ol type="I">
            <li>
                Background Skills
                <ol type="A">
                    <li>Unix Commands</li>
                    <li>Vim Text Editor</li>
                </ol>
            </li>
            <li>
                HTML
                <ol type="A">
                    <li>Minimal page</li>
                    <li>Headings</li>
                    <li>Tags</li>
                    <li>
                        Lists
                        <ol type="i">
                            <li>Unordered</li>
                            <li>Ordered</li>
                            <li>Definition</li>
                            <li>Nested</li>
                        </ol>
                    </li>
```

```
            <li>
                Links
                <ol type="i">
                    <li>Absolute</li>
                    <li>Relative</li>
                </ol>
            </li>
            <li>Images</li>
        </ol>
    </li>
    <li>
        CSS
        <ol type="A">
            <li>Anatomy</li>
            <li>
                Basic Selectors
                <ol type="i">
                    <li>Elements</li>
                    <li>Class</li>
                    <li>ID</li>
                    <li>Group</li>
                </ol>
            </li>
            <li>The DOM</li>
            <li>Advanced Selectors</li>
            <li>Box Model</li>
        </ol>
    </li>
    <li>
        Programming
        <ol type="A">
            <li>Python</li>
```

```
                    <li>Javascript</li>
                </ol>
            </li>
            <li>
                Database
                <ol type="A">
                    <li>Flat File</li>
                    <li>Relational</li>
                </ol>
            </li>
        </ol>
    </div>
</body>


</html>
```

Output:-

Learning Web Development

I. Background Skills
    A. Unix Commands
    B. Vim Text Editor
II. HTML
    A. Minimal page
    B. Headings
    C. Tags
    D. Lists
        i. Unordered
        ii. Ordered
        iii. Definition
        iv. Nested
    E. Links
        i. Absolute
        ii. Relative
    F. Images

III. CSS
    A. Anatomy
    B. Basic Selectors
        i. Elements
        ii. Class
        iii. ID
        iv. Group
    C. The DOM
    D. Advanced Selectors
    E. Box Model
IV. Programming
    A. Python
    B. Javascript
V. Database
    A. Flat File
    B. Relational

Practical 4

code:-

```
<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>Practical 4 (Web Page)</title>
    <style>
        a {
            text-decoration: none;
            color: black;
        }
    </style>
</head>
```

```
<body>

    <div id="top"></div>

    <center>

        <a href="#bottom" style="color: red; font-weight: bold; font-size: x-large">Go to
Bottom Section</a>

    </center>

    <h3>Name of my friends:</h3>

    <ol>

        <li>Vipin Buddha</li>

        <li>Raj Kumar</li>

        <li>Tushar Sharma</li>

        <li>Yashu Varshney</li>

        <li>Gagan Tripathi</li>

    </ol>

    <h3>List of my hobbies:</h3>

    <ul>

        <li>Reading Books</li>

        <li>Playing Chess</li>

        <li>Traveling</li>

        <li>Designing</li>

    </ul>

    <h3>Links for Various Search Engines:</h3>

    <ul>

        <li><a target="_blank" href="https://www.google.com/">Google</a></li>

        <li><a target="_blank" href="https://www.bing.com/">Bing</a></li>

        <li><a target="_blank" href="https://www.baidu.com/">Baidu</a></li>

        <li><a target="_blank" href="https://www.yahoo.com/">Yahoo!</a></li>

        <li><a target="_blank" href="https://yandex.com/">Yandex</a></li>

        <li><a target="_blank" href="https://www.ask.com/">Ask</a></li>

    </ul>

    <h3>List of Diffrent Webpages:</h3>

    <ul>

        <li>
```

```
            <a target="_blank" href="Resume_Practical_1.html">Practical 1 (Resume)</a>
        </li>
        <li>
            <a target="_blank" href="TimeTable_Practical_2.html">Practical 2
(Timetable)</a>
        </li>
        <li>
            <a target="_blank" href="List_Practical_3.html">Practical 3 (List)</a>
        </li>
        <li>
            <a target="_blank" href="Webpage_Practical_4.html">Practical 4 (Webpage)</a>
        </li>
        <li>
            <a target="_blank" href="Table_Practical_5.html">Practical 5
(Image_Table)</a>
        </li>
        <li>
            <a target="_blank" href="Form_Practical_6.html"> Practical 6 (Form)</a>
        </li>
    </ul>
    <center>
        <a href="#top" style="color: red; font-weight: bold; font-size: x-large">Go to
Top Section</a>
    </center>
    <div id="bottom"></div>
</body>


</html>
```

Output:-

Go to Bottom Section

Name of my friends:

1. Vipin Buddha
2. Raj Kumar
3. Tushar Sharma
4. Yashu Varshney
5. Gagan Tripathi

List of my hobbies:

- Reading Books
- Playing Chess
- Traveling
- Designing

Links for Various Search Engines:

- Google
- Bing
- Baidu
- Yahoo!
- Yandex
- Ask

List of Diffrent Webpages:

- Practical 1 (Resume)
- Practical 2 (Timetable)
- Practical 3 (List)
- Practical 4 (Webpage)
- Practical 5 (Image_Table)
- Practical 6 (Form)

Go to Top Section

Practical 5

Code:-

```
<html lang="en">

  <head>

    <meta charset="UTF-8" />

    <meta http-equiv="X-UA-Compatible" content="IE=edge" />

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

    <title>Document</title>

    <style>

      td {

        border: 1px solid black;

      }


      table {

        border: 5px solid black;
```

```
    }

    div {
      padding: 20px 400px 20px 350px;
    }
  </style>
</head>

<body>
  <div>
    <table>
      <tbody>
        <tr>
          <td>
            <img
              src="Media/IMG_20210227_003056_487.jpg"
              width="150px"
              alt="Image"
            />
          </td>
          <td>
            <img
              src="Media/IMG_20210325_205201_770.jpg"
              width="150px"
              alt="Image"
            />
          </td>
          <td>
            <img
              src="Media/IMG_20210506_080037_099.jpg"
              width="150px"
              alt="Image"
```

```
      />
    </td>
    <td>
      <img
        src="Media/IMG_20210510_171515_975.jpg"
        width="150px"
        alt="Image"
      />
    </td>
  </tr>
  <tr>
    <td>
      <img
        src="Media/IMG_20210519_120425_393.jpg"
        width="150px"
        alt="Image"
      />
    </td>
    <td
      colspan="2"
      style="
        text-align: center;
        font-size: larger;
        font-family: cursive;
        background: goldenrod;
      "
    >
      Table with Images
    </td>
    <td>
      <img
        src="Media/IMG_20210227_003056_487.jpg"
```

```
            width="150px"
            alt="Image"
          />
        </td>
      </tr>
      <tr>
        <td>
          <img
            src="Media/IMG_20210325_205201_770.jpg"
            width="150px"
            alt="Image"
          />
        </td>
        <td>
          <img
            src="Media/IMG_20210506_080037_099.jpg"
            width="150px"
            alt="Image"
          />
        </td>
        <td>
          <img
            src="Media/IMG_20210510_171515_975.jpg"
            width="150px"
            alt="Image"
          />
        </td>
        <td>
          <img
            src="Media/IMG_20210519_120425_393.jpg"
            width="150px"
            alt="Image"
```

```
            />
          </td>
        </tr>
      </tbody>
    </table>
  </div>
 </body>
</html>
```

Output:-

Practical 6

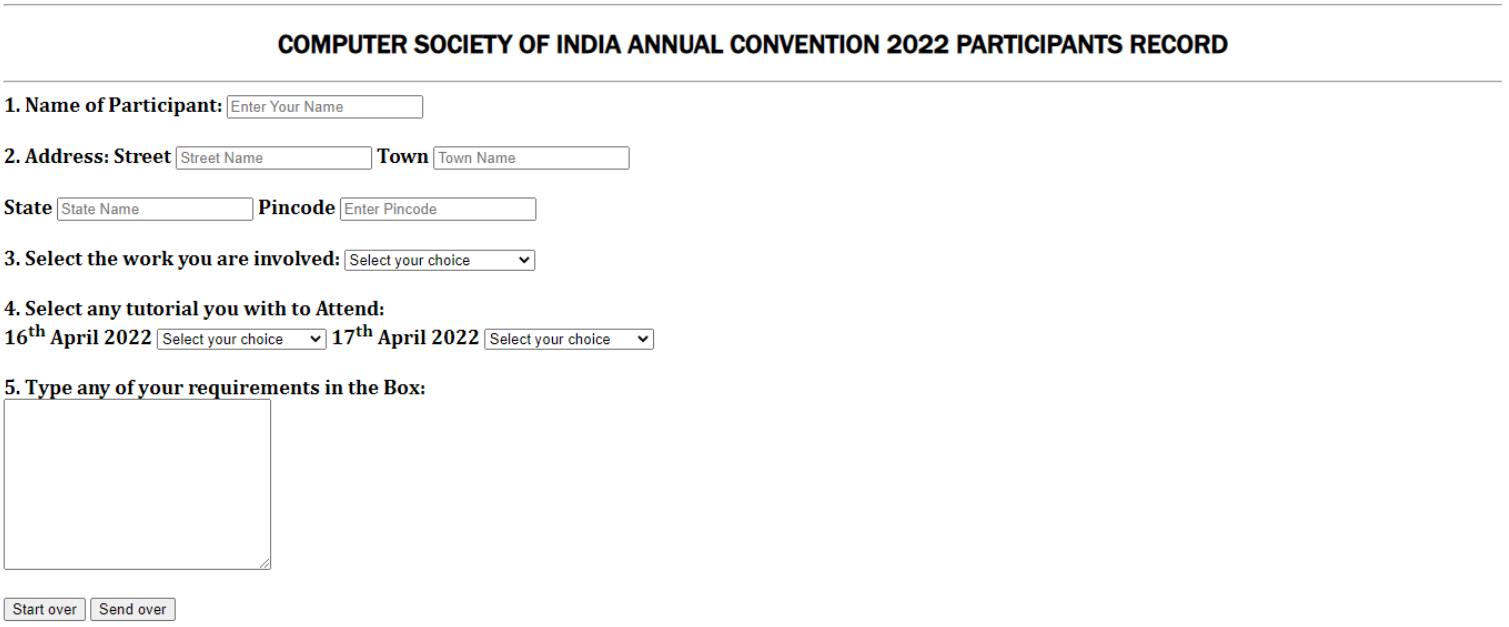
Code:-

```
<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>Form</title>
    <style>
        form{
            font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
            font-size: larger;
            font-weight: bold;
            text-align: left;
            padding: auto;
        }
    </style>
  </head>

  <body>
    <hr />
    <h2
      style="
        font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
        text-align: center;
      "
    >
      COMPUTER SOCIETY OF INDIA ANNUAL CONVENTION 2022 PARTICIPANTS RECORD
    </h2>
    <hr />
```

```
<div>
  <form action="form.php">
    <label for="name"> 1. Name of Participant: </label>
    <input type="text" id="name" placeholder="Enter Your Name" />
    <br />
    <br />
    <label for="address"> 2. Address: Street </label>
    <input type="text" id="address" placeholder="Street Name" />
    <label for="town"> Town </label>
    <input type="text" id="town" placeholder="Town Name" />
    <br /><br />
    <label for="state">State</label>
    <input type="text" id="state" placeholder="State Name" />
    <label for="pincode">Pincode</label>
    <input type="number" id="pincode" placeholder="Enter Pincode " />
    <br /><br />
    <label for="work">3. Select the work you are involved:</label>
    <select name="work" id="work">
      <option value="no-work">Select your choice</option>
      <option value="Computer Education">Computer Education</option>
      <option value="Website Development">Website Development</option>
      <option value="Application Development">
        Application Development
      </option>
    </select>
    <br /><br />
    <label for="tutorial">4. Select any tutorial you with to Attend:</label>
    <br />
    <label for="Tutorial"> 16<sup>th</sup> April 2022</label>
    <select name="tutorial" id="tutorial">
      <option value="no-option">Select your choice</option>
      <option value="E-commerce">E-commerce</option>
```

```
          <option value="web Tech">Website Technology</option>
          <option value="Android Development">Android Development</option>
          <option value="Digital Marketing">Digital Marketing</option>
        </select>
        <label for="Tutorial"> 17<sup>th</sup> April 2022</label>
        <select name="tutorial" id="tutorial">
          <option value="no-option">Select your choice</option>
          <option value="E-commerce">E-commerce</option>
          <option value="web Tech">Website Technology</option>
          <option value="Android Development">Android Development</option>
          <option value="Digital Marketing">Digital Marketing</option>
        </select>
        <br /><br />
        <label for="requirements">5. Type any of your requirements in the Box:</label>
        <br />
        <textarea rows="10" cols="30" id="requirements"></textarea>
        <br /><br />

        <input type="reset" value="Start over" />
        <input type="submit" value="Send over" />
      </form>
    </div>
  </body>
</html>
```

Output:-



Practical 7

Code:-

```
<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>Online Application Form</title>
  </head>


  <body>
    <h2
      style="
        font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
        text-align: center;
      "
    >
```

```
    Online Application Form
  </h2>
  <div>
    <form action="/form.php">
      <label for="position">Position Applied For:</label
      ><input type="text" autofocus id="position" /> <br /><br />
      <label for="name">Enter Your Name:</label>
      <input type="text" id="name" placeholder="" />
      <br /><br />
      <label for="nationality">Enter Your Nationality:</label>
      <input type="text" name="nationality" id="nationality" /><br /><br />
      <label for="gender">Select Your Gender:</label><br />
      <input type="radio" name="gender" value="male" /> Male<br />
      <input type="radio" name="gender" value="female" /> Female<br />
      <input type="radio" name="gender" value="other" /> Other
      <br />
      <br />
      <label for="dob">Date Of Birth:</label>
      <input type="date" id="dob" name="dateofbirth" value="" min="" max="" />
      <br />
      <br />
      <label for="address">Enter Your Address:</label>
      <textarea name="address" id="address" cols="20" rows="5"></textarea>
      <br /><br />
      <label for="telephone_number">Enter Your Number:</label>
      <input type="number" name="number" id="telephone_number" /> <br /><br />
      <label for="Email"> Enter Your Email: </label>
      <input type="email" required name="email" id="Email" />
      <br /><br />
      <label for="passward">Enter Your Password:</label>
      <input type="password" name="passward" required id="passward" />
      <br /><br />
```

```
<label for="education">Educational History:</label><br />
<input type="checkbox" name="12th" id="education" />12th Class Student
<br />
<input type="checkbox" name="BCA" id="education" />BCA Student
<br /><br />
<label for="qualification">Qualification:</label><br />
<input type="checkbox" name="12th pass" id="qualification" />12th Pass
<br />
<input type="checkbox" name="undergraduate" id="qualification" /> Under
Graduate <br />
<input type="checkbox" name="graduate" id="qualification" /> Graduate
<br />
<input type="checkbox" name="postgraduate" id="qualification" /> Post
Graduate <br />
<input type="checkbox" name="doctorate" id="qualification" /> Doctorate
<br /><br />
<label for="skills">Skills:</label><br />
<input type="checkbox" name="Web Development" id="skills" />Web
Development<br />
<input type="checkbox" name="App Development" id="skills" />App
Development <br />
<input
  type="checkbox"
  name="BlockChain Development"
  id="skills"
/>BlockChain Development<br />
<input
  type="checkbox"
  name="Software Development"
  id="skills"
/>Software Development<br />
<br /><br />
```

```
<label for="work experience"
  >Work Experience/Employment/Training:</label
>
<input
  type="number"
  name="work-exprience"
  min="0"
  max="10"
  id="work experience"
/>
<br /><br />
<label for="personal-statement">Personal Statement:</label>
<textarea
  name="personal statement "
  id="personal-statement"
  cols="30"
  rows="5"
></textarea>
<div>
  <h3>Referee 1</h3>
  <label for="name">Name:</label>
  <input type="text" id="name" placeholder="" /><br /><br />
  <label for="occupation">Occupation:</label>
  <input type="text" id="occupation" placeholder="" /><br /><br />
  <label for="relation">Relationship:</label>
  <input type="text" id="relation" placeholder="" /><br /><br />
  <label for="address">Address:</label>
  <textarea name="address" id="address" cols="20" rows="5"></textarea
  ><br /><br />
  <label for="name">Telephone:</label>
  <input type="text" id="name" placeholder="" />
  <br /><br />
```

```
        <br /><br />
      </div>
      <div>
        <h3>Referee 2</h3>
        <label for="name">Name:</label>
        <input type="text" id="name" placeholder="" /><br /><br />
        <label for="occupation">Occupation:</label>
        <input type="text" id="occupation" placeholder="" /><br /><br />
        <label for="relation">Relationship:</label>
        <input type="text" id="relation" placeholder="" /><br /><br />
        <label for="address">Address:</label>
        <textarea name="address" id="address" cols="20" rows="5"></textarea
        ><br /><br />
        <label for="name">Telephone:</label>
        <input type="text" id="name" placeholder="" />
        <br /><br />
        <br /><br />
      </div>
      <div class="controls">
        <input type="reset" value="Reset" />
        <input type="submit" value="Submit" />
      </div>
    </form>
  </div>
 </body>
</html>
```

Output:-

Online Application Form

Position Applied For:

Enter Your Name:

Enter Your Nationality:

Select Your Gender:
- Male
- Female
- Other

Date Of Birth: dd-mm-yyyy

Enter Your Address:

Enter Your Number:

Enter Your Email:

Enter Your Password:

Educational History:
- 12th Class Student
- BCA Student

Qualification:
- 12th Pass
- Under Graduate
- Graduate
- Post Graduate
- Doctorate

Skills:
- Web Development
- App Development
- BlockChain Development
- Software Development

Work Experience/Employment/Training:

Personal Statement:

Referee 1

Name:

Occupation:

Relationship:

Address:

Telephone:

Referee 2

Name:

Occupation:

Relationship:

Address:

Telephone:

Reset Submit

Practical 8

Code:-

```
<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>Image Map</title>
  </head>


  <body>
    <img
      src="Media/indiamap.png"
      alt="Map Of India "
      usemap="#indiamap"
      width=""
    />


    <map name="indiamap">
      <area
        target="_blank"
        alt="Uttar Pradesh"
        title="Uttar Pradesh"
        href="https://edistrict.up.gov.in/edistrictup/"

coords="1319,867,897,689,1013,922,1116,1017,1281,1091,1328,933,1321,902,1321,885,897,728,
1022,973,1109,992,916,832"
        shape="poly"
      />
      <area
        target="_blank"
```

```
        alt="Rajasthan"
        title="Rajasthan"
        href="https://rajasthan.gov.in/"
        coords="703,1169,938,900,709,675,450,827,443,955,612,1062,650,1104"
        shape="poly"
      />
      <area
        target="_blank"
        alt="Uttarakhand"
        title="Uttarakhand"
        href="https://edistrict.uk.gov.in/"
        coords="936,647,1072,748,1122,664,1059,596,991,590,975,627"
        shape="poly"
      />
      <area
        target="_blank"
        alt="Jammu &amp;amp; Kashmir"
        title="Jammu &amp;amp; Kashmir"
        href="https://www.jk.gov.in/jkeservices/"

coords="652,176,788,132,865,205,911,246,973,249,955,260,1019,233,1072,246,1070,326,1048,356,1028,363,1010,381,1008,400,1037,427,1039,447,1039,471,1026,480,1013,480,991,471,964,469,933,444,909,447,881,433,856,433,834,436,823,447,806,473,786,484,746,471,716,449,698,433,678,420,709,301,709,275,685,249,656,218,623,209"
        shape="poly"
      />
      <area
        target="_blank"
        alt="Panjab"
        title="Panjab"
        href="http://edistrict.punjabgovt.gov.in/eda/landing.aspx"

coords="755,517,795,510,812,524,819,543,830,563,852,581,861,596,872,623,867,636,856,647,841,651,828,664,821,680,799,675,784,677,757,669,716,660,694,655,689,629"
```

```
        shape="poly"
      />
    </map>
  </body>
</html>
```

Output:-

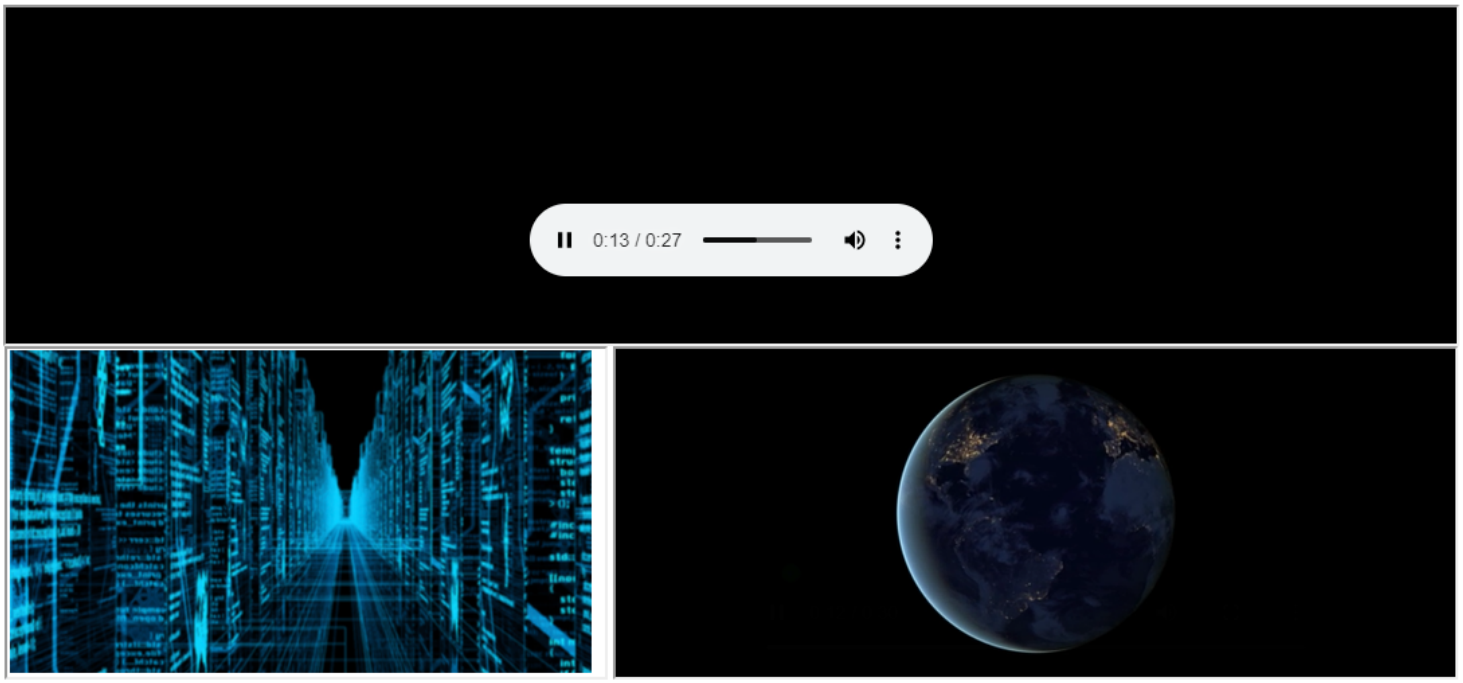
Practical 9

Code:-

```
<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>Frames</title>
    <style>
        iframe{
            padding: 0;
            margin: 0;


        }
        div
        {
            text-align: center;
        }
    </style>
  </head>

  <body>
      <div>
    <iframe
      src="Media/audio.mp3"
      width="80%"
      height="250"
      frameborder="1"
      style="background: brown;"
      allowfullscreen=""
```

```
      allow="fullscreen; picture-in-picture"
    ></iframe>
    <iframe src="Media/4.png" style="display: inline-block;" width="33%" height="40%"
frameborder="1"></iframe>
    <iframe  src="Media/video.mp4" width="46.3%" height="40%"  frameborder="1"></iframe>
</div>
  </body>
</html>
```

Output:-



Practical 10

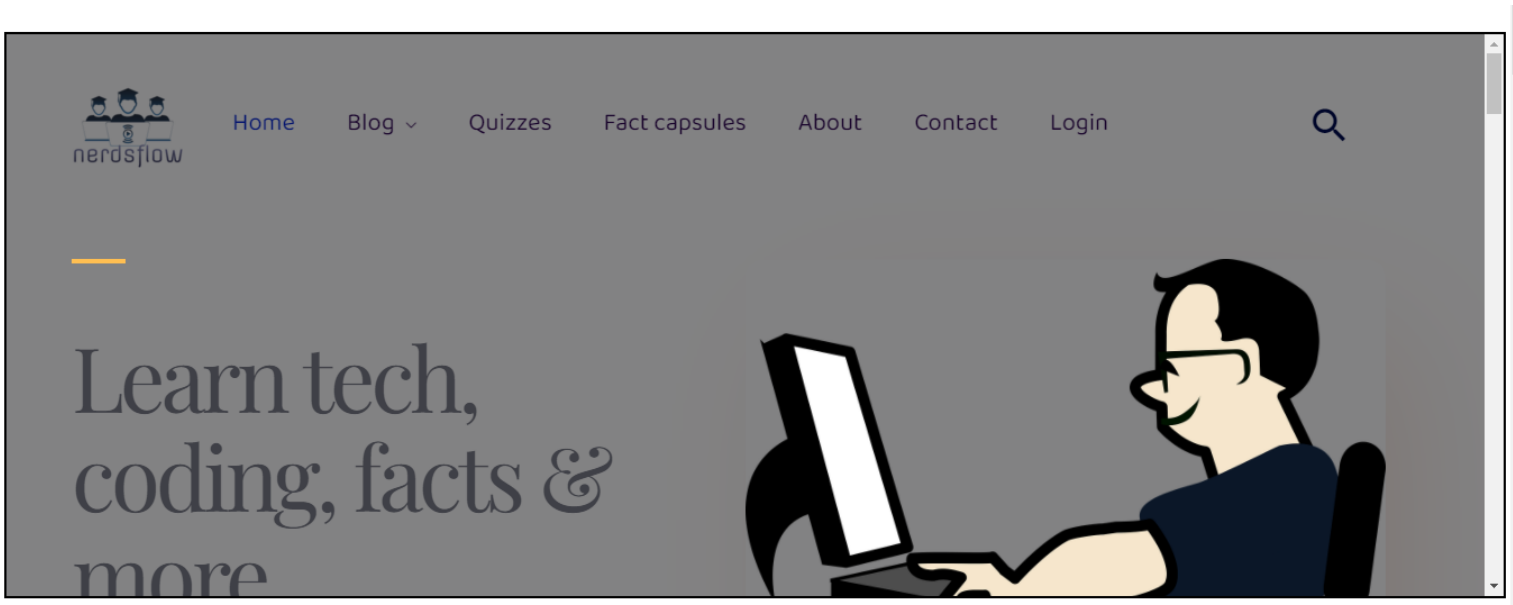
Code:-

```
<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> 6 Frames</title>
    <style>
        iframe
        {
            margin: 5%;
            height: 500;
            margin-left: 0;
            margin-right: 0;
        }
    </style>
</head>
<body>
    <iframe
    src="https://www.nerdsflow.com/"
    width="100%"
    height="300"
    style="border: 2px solid black;"
  >
  </iframe><iframe
  src="https://www.tusharojha.com/"
  width="100%"
  height="300"
  style="border: 2px solid black"
>
</iframe><iframe
src="https://www.ranveer.com/"
width="100%"
height="300"
style="border: 2px solid black"
>
</iframe><iframe
src="https://www.bps.in/"
```

```
width="100%"
height="300"
style="border: 2px solid black"
>
</iframe><iframe
src="https://www.expert.ai/"
width="100%"
height="300"
style="border: 2px solid black"
>
</iframe><iframe
src="https://www.britannica.com/topic/history"
width="100%"
height="300"
style="border: 2px solid black"
>
</iframe>
</body>
</html>
```

Output:-



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Tushar Ojha

A Full Stack Engineer, & open source contributor.
Learning Quantum Computing and Blockchain.

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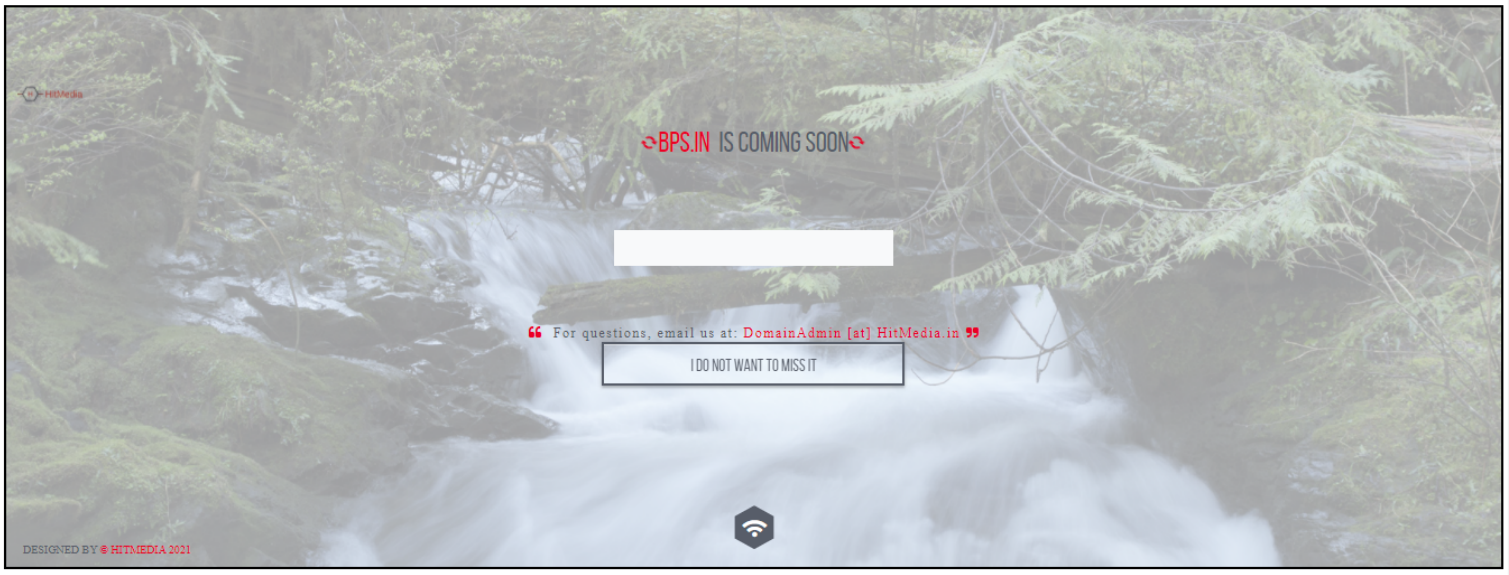

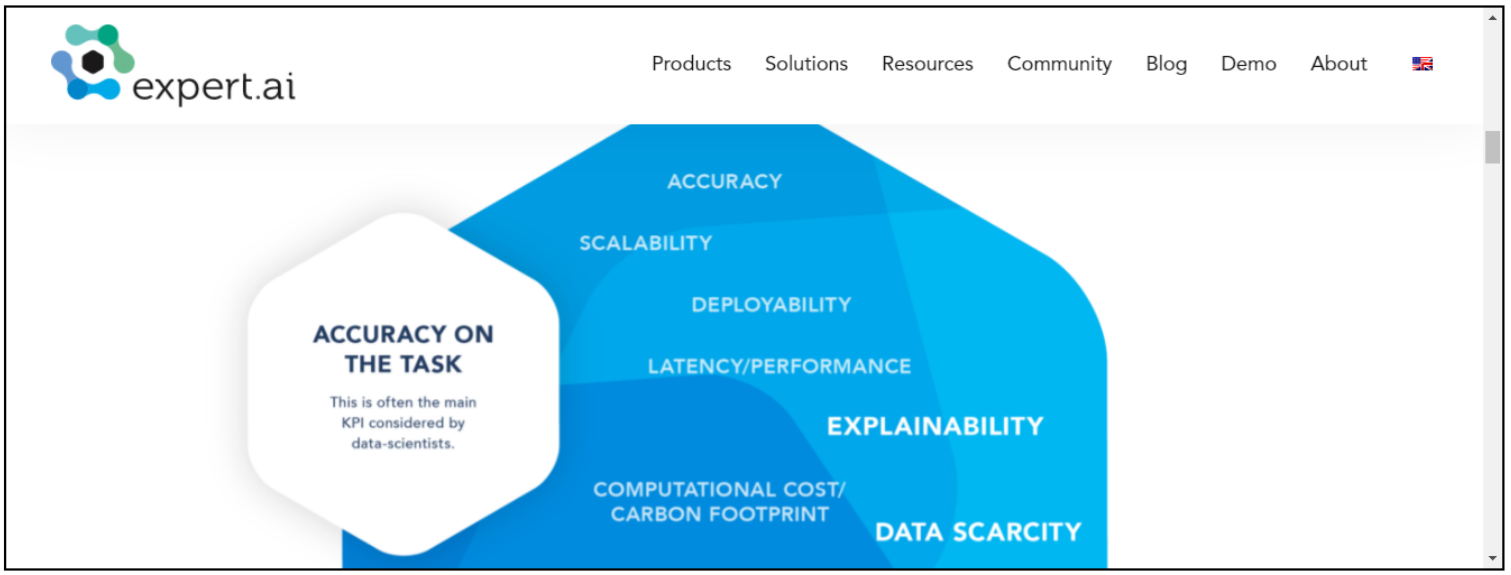

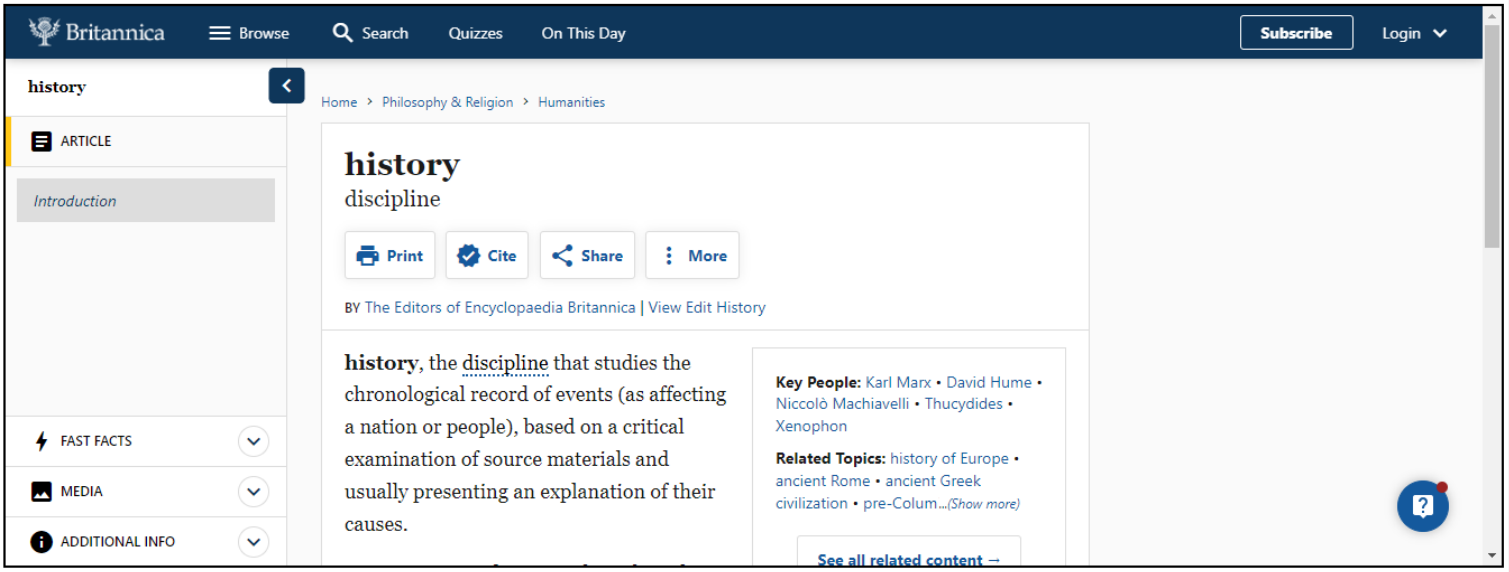

Practical 11

Code:-

```
<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>Frameset</title>
    <style>
      a {
```

```
      text-decoration: none;
      color: black;
      text-align: left;
      font-weight: bolder;
      font-family: Cambria, Cochin, Georgia, Times, "Times New Roman", serif;
    }
  </style>
</head>

<body>
  <header style="border: 1px solid black">
    <h3 style="display: inline">
      <img
        style="margin-left: 20px; margin-bottom: 10px"
        src="Media/National_Institute_of_Open_Schooling.png"
        width="8%"
        alt=""
      />
    </h3>
    <h1
      style="
        display: inline;
        margin-left: 20%;
        position: absolute;
        line-height: 40px;
        top: 20px;
      "
    >
      National Institute of Open Schooling (NIOS)
      <br />
      <span style="font-size: x-large; margin-left: 20%">
        B-31B, Kailash Colony, New Delhi-18</span
```

```
      >
      <br />
      <span style="font-size: x-large; margin-left: 22%">
        Website:
        <a
          style="text-decoration: none; color: black"
          target="_blank"
          href="https://www.nios.ac.in"
          >https://www.nios.ac.in</a
        >
      </span>
    </h1>
  </header>
  <table style="border: 1px solid black">
    <tr>
      <td style="border-right: 1px solid black; padding-right: 70px">
        <ul>
          <li>
            <a
              href="https://www.nios.ac.in/departmentsunits/academic.aspx"
              target="frame"
              >Academic Programmes</a
            >
          </li>
          <br /><br />
          <li>
            <a
              href="https://www.nios.ac.in/departmentsunits/vocational-education.aspx"
              target="frame"
              >Vocational Education</a
            >
          </li>
```

```
        <br /><br />
        <li>
          <a
            href="https://www.nios.ac.in/notice-boardoffice-order.aspx"
            target="frame"
            >Examination</a
          >
        </li>
        <br /><br />
        <li>
          <a
            href="https://www.nios.ac.in/departmentsunits/administration.aspx"
            target="frame"
            >Administration</a
          >
        </li>
        <br /><br />
        <li>
          <a
            href="https://sdmis.nios.ac.in/registration/locate-study-center"
            target="frame"
            >Study Center</a
          >
        </li>
        <br /><br />
        <!-- <li><a href="" target="frame">FAQ</a></li><br><br> -->
        <li>
          <a href="https://www.nios.ac.in/contact-us.aspx" target="frame"
            >Contact us</a
          >
        </li>
      </ul>
```

```
        </td>
        <td>
          <iframe
            src=""
            frameborder="0"
            title="Right frame"
            name="frame"
            width="1100px"
            height="585px"
          >


          </iframe>
        </td>
      </tr>
    </table>
    <footer>
      <h3 style="text-align: center; border: 1px solid black; margin: 0%">
        Website Designed & Developed By
        <a target="_blank" href="https://www.nios.ac.in"
          >National Institute of Open Schooling (NIOS)</a
        >
        <br />
        For any Query Contact
        <a target="_blank" href="https://linktr.ee/imamantripathi"
          >Aman Tripathi</a
        >
      </h3>
    </footer>
  </body>
</html>
```

Output:-

Practical 12

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" />

    <title>Iframe Example</title>

  </head>
```

```
  <body style="border: 1px solid black; padding: 10px">
    <h3>
      The Taj Mahal'Crown of the Palace' is an ivory-white marble mausoleum on
      the right bank of the river Yamuna in the Indian city of Agra. It was
      commissioned in 1632 by the Mughal emperor Shah Jahan (r. 1628–1658) to
      house the tomb of his favourite wife, Mumtaz Mahal; it also houses the
      tomb of Shah Jahan himself. The tomb is the centrepiece of a 17-hectare
      (42-acre) complex, which includes a mosque and a guest house, and is set
      in formal gardens bounded on three sides by a crenellated wall.
    </h3>
    <iframe

src="https://upload.wikimedia.org/wikipedia/commons/thumb/d/da/Taj-Mahal.jpg/200px-Taj-Mahal.jpg"
      width="200px"
      height="133px"
      frameborder="4"
    >
    </iframe>
    <h3>
      he most spectacular feature is the marble dome that surmounts the tomb.
      The dome is nearly 35 metres (115 ft) high which is close in measurement
      to the length of the base, and accentuated by the cylindrical "drum" it
      sits on, which is approximately 7 metres (23 ft) high. Because of its
      shape, the dome is often called an onion dome or amrud (guava dome).[19]
      The top is decorated with a lotus design which also serves to accentuate
      its height. The shape of the dome is emphasised by four smaller domed
      chattris (kiosks) placed at its corners, which replicate the onion shape
      of the main dome. The dome is slightly asymmetrical.[20] Their columned
      bases open through the roof of the tomb and provide light to the interior.
      Tall decorative spires (guldastas) extend from edges of base walls, and
      provide visual emphasis to the height of the dome. The lotus motif is
      repeated on both the chattris and guldastas. The dome and chattris are
```

```
    topped by a gilded finial which mixes traditional Persian and Hindustani
    decorative elements.[21] The main finial was originally made of gold but
    was replaced by a copy made of gilded bronze in the early 19th century.
    This feature provides a clear example of integration of traditional
    Persian and Hindu decorative elements.[22] The finial is topped by a moon,
    a typical Islamic motif whose horns point heavenward.[23] The minarets,
    which are each more than 40 metres (130 ft) tall, display the designer's
    penchant for symmetry. They were designed as working minarets— a
    traditional element of mosques, used by the muezzin to call the Islamic
    faithful to prayer. Each minaret is effectively divided into three equal
    parts by two working balconies that ring the tower. At the top of the
    tower is a final balcony surmounted by a chattri that mirrors the design
    of those on the tomb. The chattris all share the same decorative elements
    of a lotus design topped by a gilded finial. The minarets were constructed
    slightly outside of the plinth so that in the event of collapse, a typical
    occurrence with many tall constructions of the period, the material from
    the towers would tend to fall away from the tomb.[24]
  </h3>
 </body>
</html>
```

Output:-

The Taj Mahal'Crown of the Palace' is an ivory-white marble mausoleum on the right bank of the river Yamuna in the Indian city of Agra. It was commissioned in 1632 by the Mughal emperor Shah Jahan (r. 1628–1658) to house the tomb of his favourite wife, Mumtaz Mahal; it also houses the tomb of Shah Jahan himself. The tomb is the centrepiece of a 17-hectare (42-acre) complex, which includes a mosque and a guest house, and is set in formal gardens bounded on three sides by a crenellated wall.

he most spectacular feature is the marble dome that surmounts the tomb. The dome is nearly 35 metres (115 ft) high which is close in measurement to the length of the base, and accentuated by the cylindrical "drum" it sits on, which is approximately 7 metres (23 ft) high. Because of its shape, the dome is often called an onion dome or amrud (guava dome).[19] The top is decorated with a lotus design which also serves to accentuate its height. The shape of the dome is emphasised by four smaller domed chattris (kiosks) placed at its corners, which replicate the onion shape of the main dome. The dome is slightly asymmetrical.[20] Their columned bases open through the roof of the tomb and provide light to the interior. Tall decorative spires (guldastas) extend from edges of base walls, and provide visual emphasis to the height of the dome. The lotus motif is repeated on both the chattris and guldastas. The dome and chattris are topped by a gilded finial which mixes traditional Persian and Hindustani decorative elements.[21] The main finial was originally made of gold but was replaced by a copy made of gilded bronze in the early 19th century. This feature provides a clear example of integration of traditional Persian and Hindu decorative elements.[22] The finial is topped by a moon, a typical Islamic motif whose horns point heavenward.[23] The minarets, which are each more than 40 metres (130 ft) tall, display the designer's penchant for symmetry. They were designed as working minarets— a traditional element of mosques, used by the muezzin to call the Islamic faithful to prayer. Each minaret is effectively divided into three equal parts by two working balconies that ring the tower. At the top of the tower is a final balcony surmounted by a chattri that mirrors the design of those on the tomb. The chattris all share the same decorative elements of a lotus design topped by a gilded finial.