

1. Implementation of frameset, tables, hotspot, forms using HTML 4 elements.

Table:

```
<!DOCTYPE html>
<html>
  <body>
    <h2>Items Table</h2>
    <table style="width:50%" border=1>
      <tr>
        <th>Item</th>
        <th>Quantity</th>
        <th>Price(in Rs.)</th>
      </tr>
      <tr>
        <td> Long-sized Notebooks</td>
        <td>5</td>
        <td rowspan="2">500</td>
      </tr>
      <tr>
        <td> Short-sized Notebooks</td>
        <td>10</td>
      </tr>
      <tr>
        <td>Pens</td>
        <td>20</td>
        <td>200</td>
      </tr>
      <tr>
        <td>Markers</td>
        <td>5</td>
        <td>150</td>
      </tr>
      <tr>
        <td colspan="2">Sum: </td>
        <td> Rs. 600/- </td>
      </tr>
    </table>
  </body>
</html>
```

Items Table		
Item	Quantity	Price(in Rs.)
Long-sized Notebooks	5	500
Short-sized Notebooks	10	
Pens	20	200
Markers	5	150
Sum:		Rs. 600/-

Form:

```

<html>
  <head>
    <title>Page1</title>
    <h1>Registration Form</h1>
  </head>
  <body>
    <form>
      <input type="image" id="image" alt="Login"
style="width:100px;height:100px;" src="https://3.imimg.com/data3/IK/SJ/MY-
3983481/fssai-registration-services-500x500.png" /> <br>
      <br> Name: <input type="text" name="fullname"> <br>
      <br> Gender: <br>
      <input type="radio" name="gender" value="male" checked> Male
      <input type="radio" name="gender" value="female"> Female
      <input type="radio" name="gender" value="other"> Other<br>
      <br> Date of Birth: <input type="date" name="bday"> <br>
      <br> Email ID: <input type="text" name="mailid"><br>
      <br> Qualification:
      <select>
        <option value="10th">Tenth Standard</option>
        <option value="12th">Twelfth Standard</option>
        <option value="underg">Under graduation</option>
        <option value="postg">Post graduation</option>
      </select><br>
      <br> Hobbies: <br>
      <textarea name="message" rows="5" cols="100"></textarea><br>
      <br> Upload Passport size photo:

```

```

<input type="file" accept="image/png, image/jpeg" /><br>
<br> Exam types: <br>
<input type="checkbox" name="upsc">UPSC Exams
<input type="checkbox" name="bank">Bank Exams
<input type="checkbox" name="engg">Engineering Exams
<input type="checkbox" name="med">Medical Exams<br>
<br> New Password:
<input type="password" name="pass"><br>
<br> Confirm Password:
<input type="password" name="passconf"><br><br>
<button type="button">Submit</button>
<button type="reset">Reset</button>
</form>
</body>
</html>

```

The screenshot shows a web browser window with the address bar displaying a file path: `file:///C:/Users/J%20S%20N%20SPANDANA/Desktop/sem-5/wp_lab/f1.html`. The browser's tab is labeled 'Page1'. The page content features a blue circular icon with a document and pencil, followed by the title 'Registration Form'. Below the icon, there are several form fields: 'Name:' with a text input, 'Gender:' with radio buttons for 'Male', 'Female', and 'Other', 'Date of Birth:' with a text input showing 'dd-mm-yyyy', 'Email ID:' with a text input, 'Qualification:' with a dropdown menu showing 'Tenth Standard', and 'Hobbies:' with a large text area. At the bottom, there is a section for 'Upload Passport size photo:' with a 'Choose File' button and the text 'No file chosen'.

Frameset:

f2.html: (Implementation of anchor tag, meta tag, internal hyperlinking, img tag)

```

<html>
  <head>
    <title>Page2</title>
    <meta charset="UTF-8">
    <meta name="description" content="UPSC preparation">

```

```

<meta name="keywords" content="Services, Eligibility, Exam Pattern">
<meta name="author" content="Spandana J S N">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<h1>UPSC CSE Examination</h1>
</head>
<body>
  <a href="https://www.clearias.com/10-tips-for-students-to-prepare-for-ias-exam-while-in-college/"></a><br><br>
  <p>The Civil Services Examination (CSE) is a nationwide competitive examination in India conducted by the Union Public Service Commission for recruitment to various Civil Services of the Government of India, including the Indian Administrative Service (IAS), Indian Foreign Service (IFS), Indian Police Service (IPS) among others. Also simply referred as UPSC examination[1]. It is conducted in three phases - a preliminary examination consisting of two objective-type papers (General Studies Paper I and General Studies Paper II also popularly known as Civil Service Aptitude Test or CSAT), and a main examination consisting of nine papers of conventional (essay) type, followed by a personality test (interview).<p>
  <br><br>
  <a href="#eligi">Eligibility</a><br><br>
  <a href="#pattern">Exam Pattern</a><br><br>
  <a href="#serv">Services</a><br><br>
   <br><br>
  <a name="eligi"></a><h2><b>Eligibility:</b></h2><br>The candidate must have attained the age of 21 years and must not have attained the age of 32 years (for the General category candidate) on August 1 of the year of examination. Prescribed age limits vary with respect to caste reservations. For Other Backward Castes (OBC) the upper age limit is 35 For Scheduled Castes (SC) and Scheduled Tribes (ST), the limit is 37 years. The upper age limit is relaxed for certain candidates who are backward with respect to other factors and differently abled</p></a><br><br>
  <br><br>

  <a name="pattern"><p><h2><b>Exam Pattern:</b></h2><br>The Civil Services Preliminary exam comprises of two compulsory papers of 200 marks each (General Studies Paper I and General Studies Paper II). The questions will be of multiple choice, objective type. The marks in prelims will not be counted for final ranking, but just for qualification for the main exam. The Commission will draw a list of candidates to be qualified for Civil Service (Main) Examination based on the criterion of minimum qualifying marks of 33% in General Studies Paper II of Civil Services (Preliminary) Examination

```

and total qualifying marks of General Studies Paper-I of Civil Services (Preliminary) Examination as may be determined by the Commission.

</p>

<p><h2>Services:</h2>Group A Services

Indian P & T Accounts & Finance Service

Indian Audit and Accounts Service

Indian Revenue Service (Customs and Central Excise)

Indian Defence Accounts Service

Indian Revenue Service (I.T.)

Indian Ordnance Factories Service (Assistant Works Manager, Administration)

Indian Postal Service

Indian Civil Accounts Service

Indian Railway Traffic Service

Indian Railway Accounts Service

Indian Railway Personnel Service

Indian Railway Protection Force (Assistant Security Commissioner)

Indian Defence Estates Service

Indian Information Service (Junior Grade)

Indian Trade Service, Group 'A' (Gr. III)

Indian Corporate Law Service

Group - B Services

Armed Forces Headquarters Civil Service (Section Officer's Grade)

Delhi, Andaman & Nicobar Islands, Lakshadweep, Daman & Diu and Dadra & Nagar Haveli Civil Service

Delhi, Andaman & Nicobar Islands, Lakshadweep, Daman & Diu and Dadra & Nagar Haveli Police Service

Pondicherry Civil Service

Pondicherry Police Service</p>

</body>

</html>

hotspot.html:

<html>

<body>

```


<map name="animalmap">
    <area shape="rect" coords="40,0,270,400" alt="bear"
href="https://media.gettyimages.com/photos/wild-american-black-
bear-ursus-americanus-in-field-of-pratense-picture-id187133529">

    <area shape="rect" coords="500,0,250,120" alt="tiger"
href="https://i.ytimg.com/vi/tjr_SEw76zM/maxresdefault.jpg">

    <area shape="circle" coords="550,150,70" alt="lioness"
href="https://images.pexels.com/photos/56847/lion-panthera-leo-
lioness-animal-world-
56847.jpeg?auto=compress&cs=tinysrgb&h=350">
</map>
</body>
</html>

```

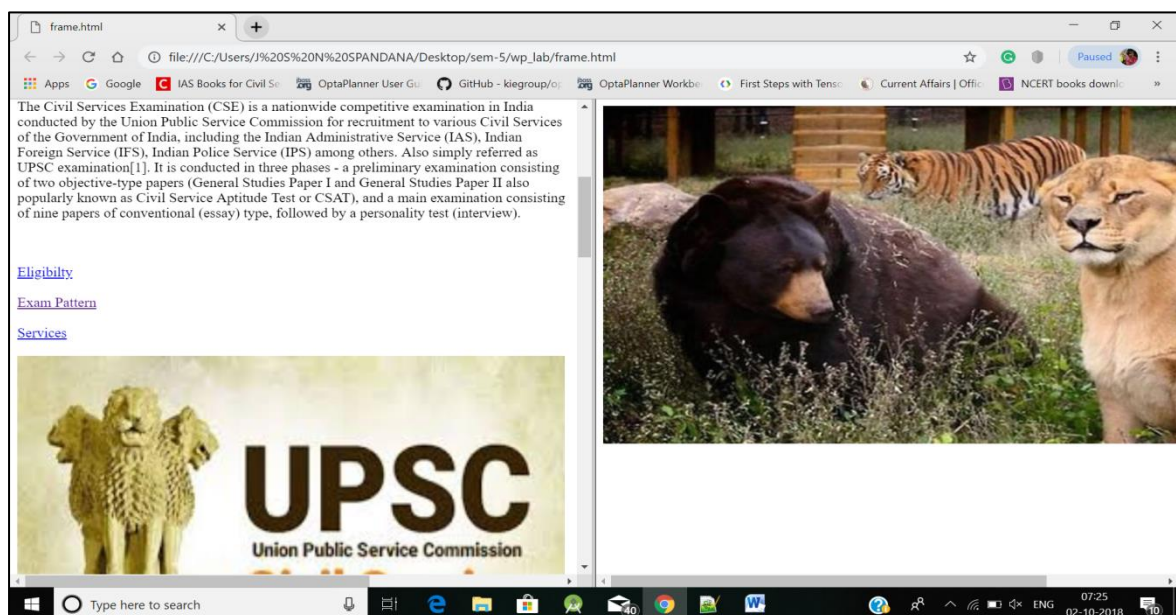
frame.html:

```

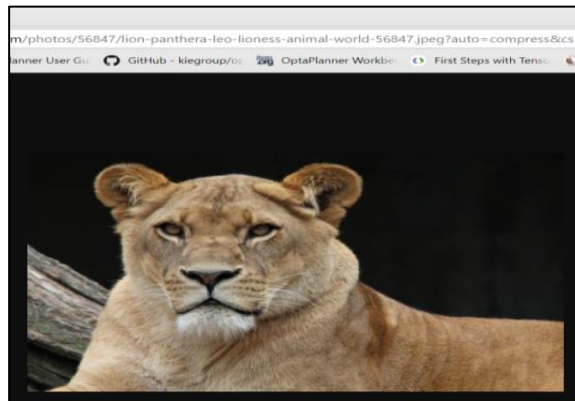
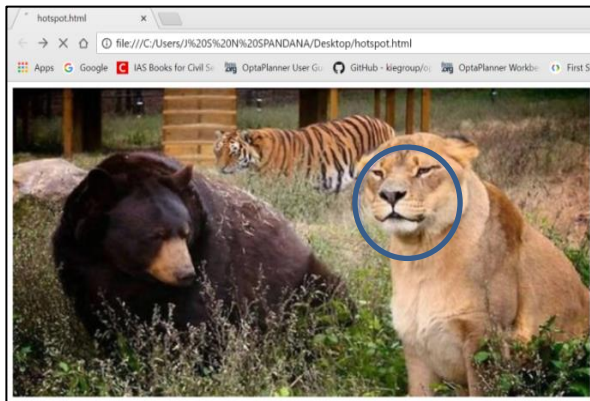
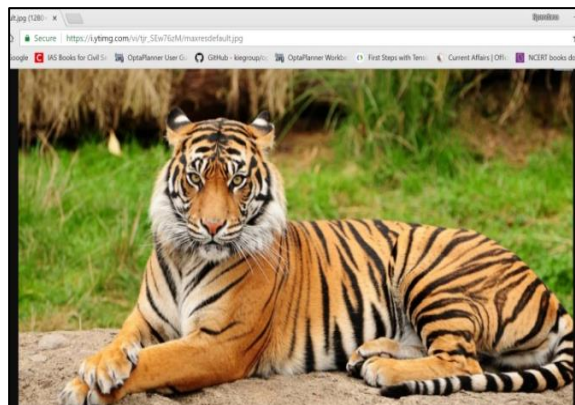
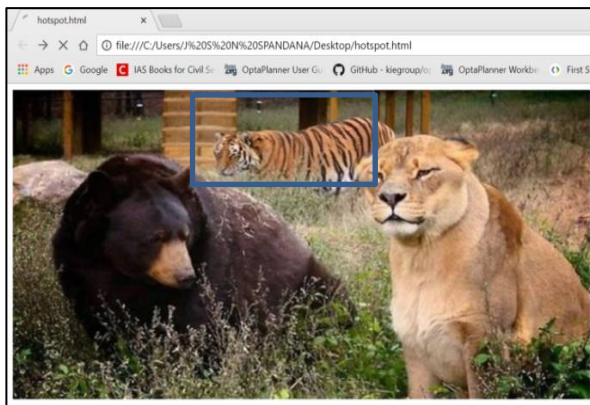
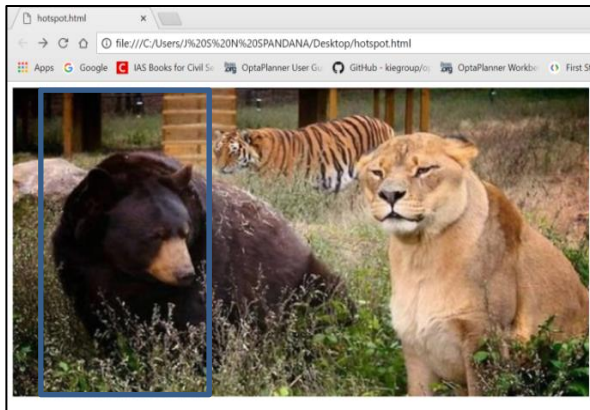
<html>
<frameset cols="50%,50%">
    <frame src=".\\f2.html">
    <frame src=".\\hotspot.html">
</frameset>
</html>

```

Frameset Output:



Hotspot Output:



Ordered and Unordered lists in HTML4:

<!DOCTYPE html>

<html>

<body>

<h1>How to make tea?</h1>

<h2>Steps:</h2>

Bring the water to boiling level

Add 2-3 teaspoons of Tea powder

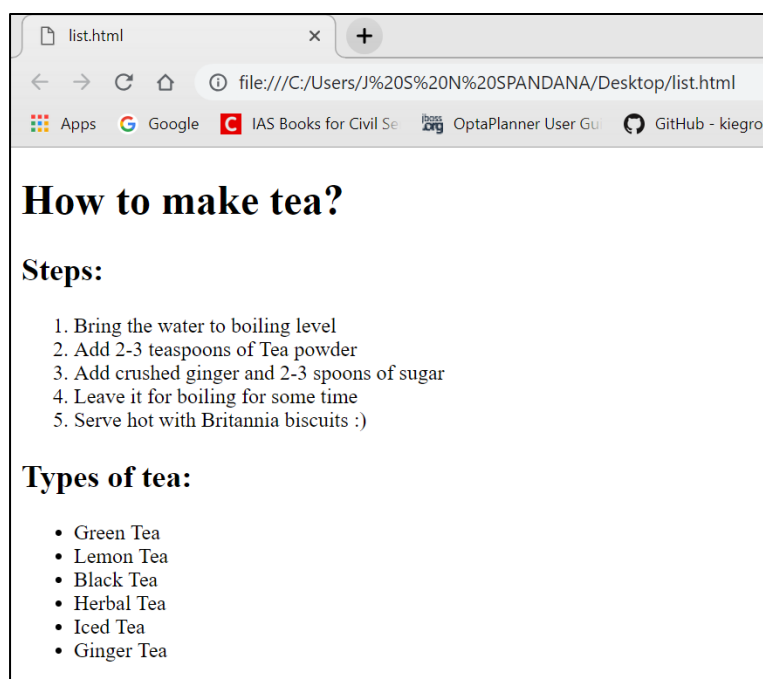
```

        <li>Add crushed ginger and 2-3 spoons of sugar</li>
        <li>Leave it for boiling for some time</li>
        <li>Serve hot with Britannia biscuits :)</li>
    </ol>

    <h2>Types of tea:</h2>

    <ul>
        <li>Green Tea</li>
        <li>Lemon Tea</li>
        <li>Black Tea</li>
        <li>Herbal Tea</li>
        <li>Iced Tea</li>
        <li>Ginger Tea</li>
    </ul>
</body>
</html>

```



2. Implementing styling, page layout, color, design and size for the border using CSS2

css2.html:

```
<!DOCTYPE HTML>
```

```
<html>
```

```
    <head>
```

```
        <link rel="stylesheet" type="text/css" href="./mycss.css">
```



```

</head>
<style>
    .inl {
        color: yellow;
        margin-left: 20px;
    }
    #selector {
        background-color: sandybrown;
        margin-left: 20px;
    }
    .boxmodel {
        background-color: lightgreen;
        width: 400px;
        border: 30px solid red;
        padding: 30px;
        margin: 30px;
    }
    div {
        padding: 10px;
    }
    img {
        position: absolute;
        left: 0px;
        top: 0px;
        z-index: -1;
    }
</style>
<body>
    <h1>The Z-Index Property</h1><br><br><br>
    <br>
    <p>The text appears over the picture because of the z-index value of -1</p>
    <div class="exl">Example for external linking of CSS</div>
    <div class="inl">Example for internal linking of CSS</div>
    <div style="color:blue;margin-left:20px;font-family:Arial, Helvetica, sans-serif;">Example for Inline CSS</div>
    <div id="selector">This div is selected using an ID</div>
    <div class="extra" style="color:green; margin-left: 20px;">In this line,
    <span>Inheritance nature & positioning</span> implementation</div>
    <div class="boxmodel">Box model implementation</div>
</body>
</html>

```

mycss.css:

```
body {  
    background-color: pink;  
}  
img {  
    position: relative;  
    left: 0px;  
    top: 0px;  
    z-index: -1;  
    margin-left: 20px;  
}  
.exl{  
    color: blue;  
    margin-left: 20px;  
}  
span {  
    color: blue;  
    border: 1px solid black;  
    position: relative;  
}  
.extra span {  
    color: inherit;  
}
```

