WEEK-1

AIM: To write HTML code that demonstrates nested lists in HTML

DESCRIPTION:
The main HTML tags are HTML, head, title, body, ul, ol, li, h1
<html> to make the browser identify the HTML document
<head> to include the title and metadata of the document
<title> to give title for the document
<h1> heading tag
<body> to define the main content
for unordered and <ol> for ordered lists
 to define list items

CODE:
```html
<!DOCTYPE html>
<html>
  <head>
    <title>
      Task1(week1)
    </title>
  </head>
  <body>
    <h1>Nested Lists</h1>
    <ol type="I">
      <li>Background Skills</li>

      <ol type="A">
        <li>Unix Commands</li>
        <li>Vim Test Editors</li>
      </ol>
    <li>HTML</li>
      <ol type="A">
        <li>Minimal Page</li>
        <li>Headings</li>
        <li>Elements</li>
        <li>Lists</li>
        <ol type="i">
          <li>Unordered</li>
          <li>Ordered</li>
          <li>Definition</li>
          <li>
            Nested
          </li>
        </ol>
        <li>Links</li>
        <ol type="i">
          <li>Absolute</li>
```

```
            <li>Relative</li>
          </ol>
        <li>Images</li>

      </ol>
    <li>CSS</li>
    <ol type="A">
      <li>Anatomy</li>
      <li>Basic selectors</li>
      <ol type="i">
        <li>Element</li>
        <li>Class</li>
        <li>ID</li>
        <li>Group</li>
      </ol>
      <li>The DOM</li>
      <li>Advanc4d Selectors</li>
      <li>Box Model</li>
    </ol>
    <li>Programming</li>
    <ol type="A">
      <li>Python</li>
      <li>Java Script</li>
    </ol>
    <li>Database</li>
    <ol type="A">
      <li>Flat File</li>
      <li>Relational</li>
    </ol>
    </ol>
  </body>
</html>
```

OUTPUT:

Nested Lists

I. Background Skills
    A. Unix Commands
    B. Vin Test Editors
II. HTML
    A. Minimal Page
    B. Headings
    C. Elements
    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. Element
        ii. Class
        iii. ID
        iv. Group
    C. The DOM
    D. Advanc4d Selectors
    E. Box Model
IV. Programming
    A. Python
    B. Java Script
V. Database
    A. Flat File
    B. Relational

AIM: To output a webpage containing links to books using HTML

DESCRIPTION:
The main tags used in this program are:
<html> to make browser identify the html document
<head> stores metadata, title and links
<body> defines the main content of the document
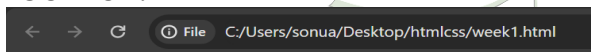<h1> heading tag
 defines unordered list
 defines the list element
<a> to include hyperlinks

CODE:
```html
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Task2(week1)</title>
</head>
<body>
    <h1>Some nice Programming books</h1>
    <ul>
        <li><a href="https://www.amazon.in/Programming-Java-Balagurusamy/dp/9353162343?source=ps-sl-shoppingads-lpcontext&ref_=fplfs&psc=1&smid=A3ORB1YY9293KJ">Java Programming</a> java book</li>
        <li><a href="https://www.amazon.in/HTML-CSS-Design-Build-Websites/dp/1118008189?source=ps-sl-shoppingads-lpcontext&ref_=fplfs&psc=1&smid=A2IAY9XQ0BJ9QV">Html and CSS </a>html and css book</li>
        <li><a href="https://www.flipkart.com/introduction-machine-learning-python-guide-data-scientists/p/itmezh7mxenzjh5h?pid=9789352134571&lid=LSTBOK9789352134571ASGNKJ&marketplace=FLIPKART&cmpid=content_book_8965229628_gmc">ML with python</a>Machine learning </li>
    </ul>
</body>
</html>
```

OUTPUT:

File C:/Users/sonua/Desktop/htmlcss/week1.html

Some nice Programming books

- [Java Programming](#)Java book
- [Html and CSS](#)html and css book
- [ML with python](#)Machine learning

AIM: To output a table containing 3 columns and 5 rows which include name, image and category of species using html.
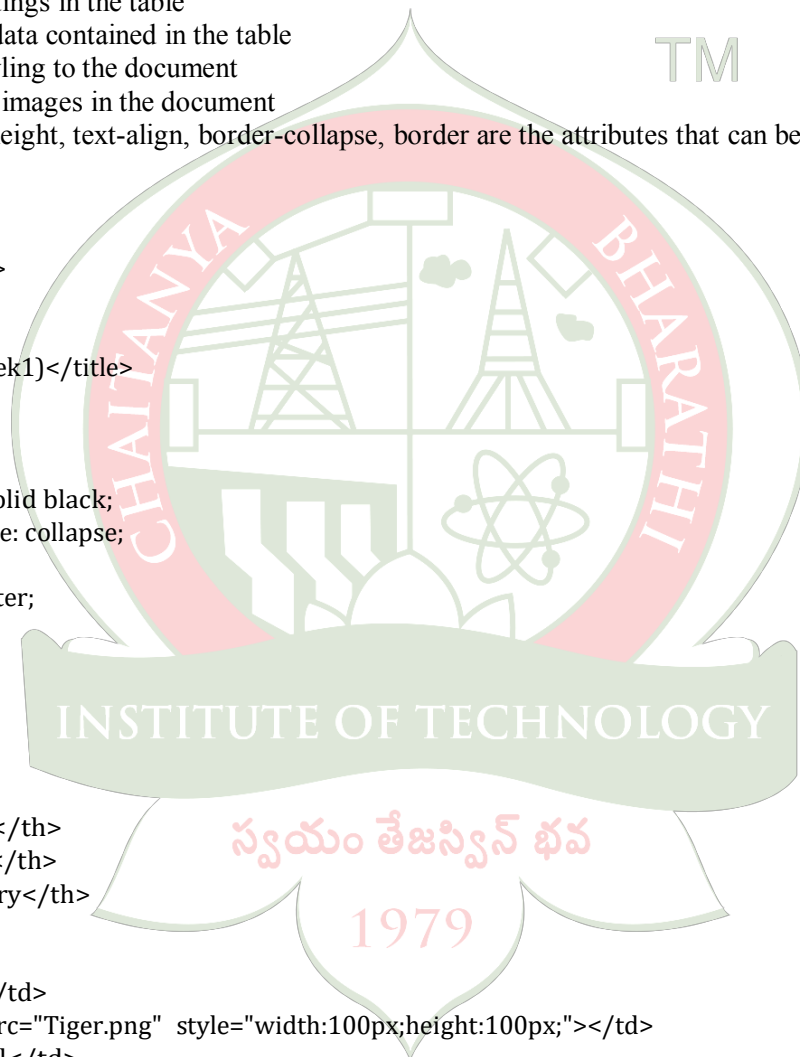
DESCRIPTION: The main tags used are:
  <html> to make the browser identify the HTML document
  <head> to include the title and metadata of the document
  <title> to give title for the document
  <body> to define the main content
  <table> to define a table
  <th> defines headings in the table
  <td> defines the data contained in the table
  <style> to add styling to the document
  <img> to include images in the document
  Padding, width, height, text-align, border-collapse, border are the attributes that can be adjusted in img and
. table.

CODE:
```
<!DOCTYPE html>
<html lang="en">
<head>
   <title>Task3(week1)</title>
</head>
<style>
   table, tr, th, td{
      border: 2px solid black;
      border-collapse: collapse;
      padding: 8px;
      text-align: center;
   }
</style>

<body>
   <table>
     <tr>
       <th>Name</th>
       <th>Image</th>
       <th>Category</th>
     </tr>
     <tr >
       <td>Tiger</td>
       <td><img src="Tiger.png"  style="width:100px;height:100px;"></td>
       <td>Animal</td>
     </tr>
     <tr>
       <td>Eagle</td>
       <td><img src="eagle.png"  style="width:100px;height:100px;"></td>
       <td>Bird</td>
     </tr>

      <tr>
       <td>Rabbit</td>
```

CODE:

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Task4(week1)</title>
  <style>
    th,tr,table,td{
    border:2px solid black;
    border-collapse:collapse}
  </style>
</head>
<body>
  <table >
  <tr ><th colspan="6">Timetable</th></tr>
  <tr>
    <th rowspan="6">Hours</th>
    <th>Mon</th>>
    <th>Tue</th>
    <th>Wed</th>
    <th>Thu</th>
    <th>Fri</th>
  </tr>
  <tr>
    <td>Math</td>
    <td>Science</td>
    <td>Math</td>
    <td>Science</td>
    <td>Arts</td>
  </tr>
  <tr>
    <td>Math</td>
    <td>Science</td>
    <td>Math</td>
    <td>Science</td>
    <td>Arts</td>
  </tr>
  <tr><th colspan="5">Lunch</th></tr>
  <tr>
    <td>Math</td>
    <td>Science</td><td>Math</td>
    <th colspan="2" rowspan="2">Project</th>
  </tr>
  <tr>
    <td>Math</td>
    <td>Science</td><td>Math</td>
  </tr>
```
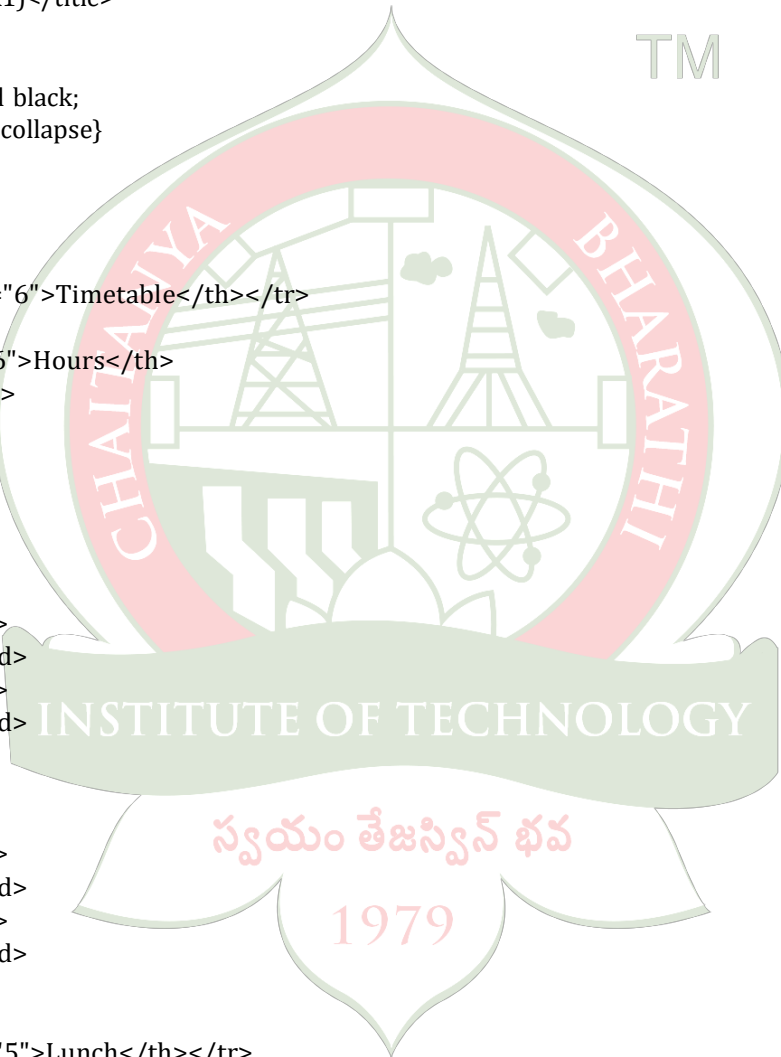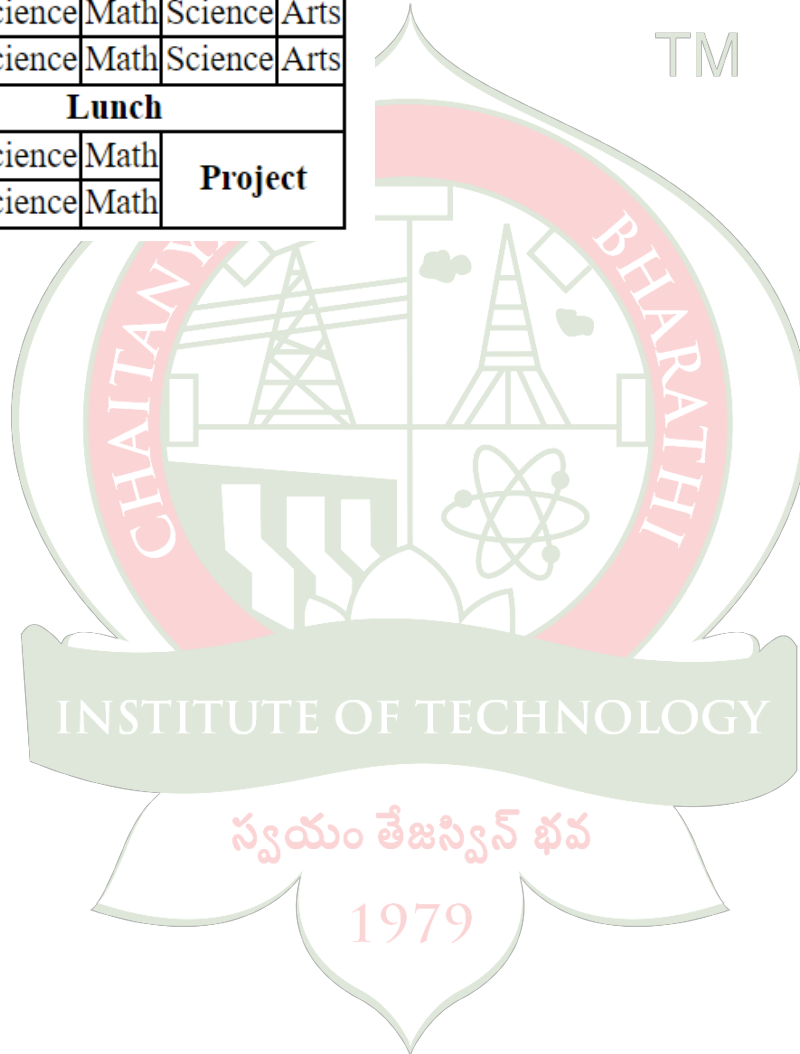
```
    </table>
</body>
</html>
```

OUTPUT:

Timetable					
Hours	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**
	Math	Science	Math	Science	Arts
	Math	Science	Math	Science	Arts
	Lunch				
	Math	Science	Math	Project	
	Math	Science	Math		

WEEK-2

1) AIM: To output a registration form as given using html and css elements

DESCRIPTION: The main tags used are:
<html> to make the browser identify the HTML document
<head> to include the title and metadata of the document
<title> to give title for the document
<body> to define the main content
<form> defines form in html
<label>adds label to the input element
<input> allows user to enter data or select any option
<style> to add styling to the document

to break the flow and enter new line
<b>to make the characters bold
<select>to allow users to choose options
<option>to give users the option to select
<img> to include images in the document
<div> is a container tag
<h1>,<p> are heading and paragraph tags

CODE:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <title>week2(1)</title>
</head>
<body>
    <div style="background-color: rgb(241, 167, 29);padding: 2%;width:450px;height:500px;margin-left:
370px;">
    <h1>Student Registration Form</h1>
    <p>Fill in this form to register</p>
    <form >
        <label><b>First Name</b></label>
        <input type="text" placeholder="Enter your first name"><br><br>
        <label><b>Last Name</b></label>
        <input type="text" placeholder="Enter your last name"><br><br>
        <label><b>E-mail</b></label>
        <input type="text" placeholder="Enter your e-mail name"><br><br>
        <label><b>Date of Birth</b></label>
        <input type="date" ><br><br>
        <label><b>Set Username</b></label>
        <input type="text" placeholder="Set Username"><br><br>
        <label><b>Set Password</b></label>
        <input type="text" placeholder="Set Password"><br><br>
        <label for="gen"><b>Gender</b></label><br>
        <input type="radio" name="gen">Male<br>
        <input type="radio" name="gen">Female<br>
        <input type="radio" name="gen">Others<br><br>
```

CODE:

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <title>week2(2)</title>
  <style>
    .header1{
        display: flex;
        justify-content: space-between;
        align-items: center;
    }
  </style>
</head>
<body>
  <div style="padding-left: 300px;width:500px;">
    <div class="header1">
    <div><img  src="java.jpg" width="100px" height="100px" style="border-radius:50%"></div>
    <div>
      <h1>O.P.JINDAL SCHOOL</h1>
      <H3>Savitri Nagar,Tamnar,Raigarh,C.G.496108.<br>Affiliated to CBSE,New
Delhi,Aff.No.3330096</H3>
    </div>
  </div>
 </div>
  <span style="border:2px solid black; margin-left:200px">REGISTRATION FORM</span>
  <pre>                    *Registration form No._____</pre>
  <br>
  <div>
    <div>
  *Class to which Admission is sought_____/_____
  <br>
  <pre>                In figures   in words</pre><br>
  Please register the name of my child/ward for admission in your school<br>
  <br>
  *Student's name_____<br>
  <pre>           First   Middle    Last</pre>
  *Sex:Male Female Age as on 01.04.2021_____<br>
  <pre>                    years months   days</pre>
  *Date of Birth_____/_____<br>
  <pre>      in figures       in words</pre>
  *Student's Aadhar no_____<br><br>
  *Name of the Previous school_____<br><br>
  *Board of Previous school CBSE  CGBSE  Other_____<br><br>
  *Medium of instruction in previous school english hindi other_____<br><br>
  *Co-curricular activities that the student has participated_____<br><br>
  *Games in which the student is proficient_____<br><br>
  *Nationality_____Caste:General SC ST OBC <br><br>
  *Father's name_____<br>
  <pre>          First   middle     last</pre>

  *Category:JPL SMS OPJSKS OPJS DCPP JSPL Mines <br>
```

 for a list item
<table> defines a table
<tr>,<th>,<td> defines table row, table heading, and table data

CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>week2(3)</title>
  <style>
    .header1,.header2{
      display: flex;
      justify-content: space-between;
      align-items: center;
      width:50%;
      margin-left: 250px;
      padding-left:  10px;
      padding-bottom: 10px;
      background-color: #bab795;
      border-left: 2px solid black;
      border-right: 2px solid black;
    }
    .header3{
      width:50%;
      margin-left: 250px;
      padding-left: 10px;
      padding-bottom: 10px;
      border: 2px solid black;
    }
    .inner_lst{
      display: flex;
      justify-content: space-between;
      align-items: center;

      padding: 10px;
      margin: 5px;
     /* margin-left: 250px;
      padding-left: 10px;
      padding-bottom: 10px;*/
    }
    h2{
      color:#bab795;
      font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif
    }
  </style>
</head>
<body>
  <div class="header1">

    <div>
```

```
    <h1>Vinay Teja</h1>
    <p class="description">A passionate learner who is eager to explore 4.0 revolution technologies.Also
believe in consistency,confidence and determination. has a dream of becoming data scientist and work at
google</p></div>
    <div><img src="vinay.png" style="border-radius: 50%; width:100px;height:100px;"></div>
  </div>
    <div class="header2">
      <div><img src="phone.png" alt="phone" style="border-radius: 50%;
width:30px;height:30px;">+919966200063</div>
      <div><img src="email.png" alt="email" style="border-radius: 50%;
width:30px;height:30px;">adepu.vinayteja@gmail.com</div>
  </div>
  <div class="header3">
  <h2>Work Experience</h2>
  <h3>Finance Intern inOrange Corp.</h3>
  <p>2021 Summer</p>
  <ul>
    <li>Inputted financial data and observed the growth of financial situation of more than 10 clients from
FMCG industry.</li>
    <li>Successfully predicted two potential financial failures for a company</li>
  </ul>
  <h3>Finance intern in office of international affairs of high school</h3>
  <p>2019-2020</p>
  <ul>
    <li>produced three charts per week regarding school's financial sustainability</li>
    <li>Was selected as student representative for high school annual financial conferences</li>
  </ul>
  <h2>Education</h2>
  <h3>Chaitanya Bharathi Institute Of Technology</h3>
  <h4>Awarded The Mayo's Award</h4>
  <p>GPA:9.95</p>
  <p>2022-2026</p>
  <h2>Extra curricular activities</h2>
  <table>
    <tr>
      <td>cheerleader captain<br>2020</td>
      <td>led a 15 people cheer leading squad and organised three team building activities</td>
    </tr>
    <tr>
      <td>Exchange program<br>2018</td>
      <td>participated in international exchange program with seoul first high school</td>
    </tr>
  </table>
  <h2>Skills & Interests</h2>
  <div class="inner_lst">
  <div>
  <ul>
    <li type="none"><h3>Soft Skills</h3></li>
    <hr>
    <li>Photoshop</li>
    <li>illustrator</li>
```

4) AIM: To demonstrate box model(content, padding, margin and border) in HTML

DESCRIPTION: The main tags are:

<html> to make the browser identify the HTML document
<head> to include the title and metadata of the document
<title> to give title for the document
<body> to define the main content
<style> to style the document
<div> is a container element and block element
<span> is an inline element
 for unordered list
 for a list item

CODE:

```
<!DOCTYPE html>

<html lang="en">
<head>
  <title>week2(4)</title>
  <style>
    .box{
      background-color: rgb(240, 99, 99);
      margin: 5px;
      padding:8px;
      border:3px solid black;
    }
    .p11,.last{
      background-color: rgb(124, 196, 230);
      margin: 5px;
      padding: 6px;
      border: 5px solid rgb(25, 8, 126);
    }
    .last{
      padding-right: 770px;
    }
    #first,#third{
      background-color: yellow;
    }
    #total_list{
      color: rgb(239, 88, 176);
    }
    .inner{
```