Miscellaneous Tasks of HTML

Table Tasks

Example 1: Write a code to display as per Image


```
<body align='center'>

  <table border='3px' width='50%' align="center" cellpadding='15' cellspacing="5">
    <caption><strong><font size="6"> Table</font></strong></caption>
    <tr align="center">
      <td rowspan='2' bgcolor="yellow"> A</td>
      <th bgcolor="lightgreen"> B </th>
      <td rowspan='3' bgcolor="yellow"> D </td>
      <td colspan='2' bgcolor="pink"> E </td>
      <td bgcolor="lightblue"> F </td>
    </tr>
    <tr align="center">
      <td bgcolor="lightblue"> C </td>
      <td rowspan='2' bgcolor="lightblue"> G </td>
      <th rowspan='2' bgcolor="lightgreen"> H </th>
      <td rowspan='2' bgcolor="yellow"> I </td>
    </tr>
    <tr align="center">
      <td colspan='2' bgcolor="pink"> J </td>
    </tr>
    <tr align="center">
      <th colspan='3' bgcolor="lightgreen"> K </th>
      <td bgcolor="yellow"> L </td>
      <td colspan='2' bgcolor="pink"> M </td>
    </tr>

  </table>
```

Example 2: Write a code to display as per Image

I	II	III	IV	V	VI	VII
H		Periodic Table of Elements				He
Li	Be				B	Ne
Na	Mg				Al	Ar
K	Ca	Sc	Ti	V	Ga	Kr

```
<body align='center'>

        <table border="1" frame="none" rules="all" cellpadding="10px">

<tr><th>I</th><th>II</th><th>III</th><th>IV</th><th>V</th><th>VI</th><th>VII</th></tr>
        <tr><td bgcolor="lightgreen">H</td>
          <td> </td>
          <td valign="top" colspan="3" rowspan="3">Periodic Table<br/>of Elements</td>
          <td> </td>
          <td bgcolor="gold">He</td>
        </tr>
        <tr><td>Li</td>
          <td>Be</td>
          <td>B</td>
          <td bgcolor="gold">Ne</td>
        </tr>
        <tr><td>Na</td>
          <td>Mg</td>
          <td>Al</td>
          <td bgcolor="gold">Ar</td>
        </tr>
        <tr><td>K</td>
          <td>Ca</td>
          <td>Sc</td>
          <td>Ti</td>
          <td>V</td>
          <td>Ga</td>
          <td bgcolor="gold">Kr</td>
        </tr>
      </table>
    </body>
```

Example 3: Write a code to display as per Image

Employee Information		
Position	**Name**	**City**
Sales Manager	I. ABC II. XYZ	A. India B. USA

```
<html>
      <head>
            <title> Table </title>
      </head>
      <body align='center'>

            <table    border='7'    bgcolor='cyan'    width='40%'    rules='all'    align='center'
cellpadding='5'>
                  <caption> Employee Information </caption>
                  <thead>
                  <tr>
                        <th> Position </th>
                        <th> Name </th>
                        <th> City </th>
                  </tr>
                  </thead>
                  <tbody>
                        <tr>
                        <td align='center'> Sales <br/> Manager </td>
                        <td> <ol type='I'> <li>ABC </li> <li>XYZ </li></ol></td>
                        <td> <ol type='A'> <li>India</li> <li>USA </li></ol></td>
                        </tr>
                  </tbody>
                  </table>
      </body>
</html>
```

Example 4: Write a code to display as per Image (*Alternate Approach)


```
<body align="center">
<table border='5' width='20%' rules='all' align='center' cellpadding='10'>
<caption > Table </caption>
<tr>
<td rowspan='3' > <img src="1.png" alt="sorry"/> </td>
<td colspan='4' rowspan='2' > <h2> Camelid comparison</h2> <br/> <b> Approximate as of
6/2007</b> </td>
</tr>
                    <tr></tr>
                    <tr>
                            <th > # of Humps </th>
                            <th> Indigenenous <br/> region </th>
                            <th > Spits? </th>
                            <th > Product <br/> Wool? </th>
                    </tr>
                    <tr>

                            <th > Camels(bactrian) </th>
                            <td>2</td>
                            <td>Africa/Asia</td>
                            <td>Yes</td>
                            <td>Yes</td>
                    </tr>
                    <tr>

                            <th> Liamas </th>
                            <td>1</td>
                            <td>Andes Mountains</td>
                            <td>Yes</td>
                            <td>Yes</td>
                    </tr>
                    </table> </body>
```
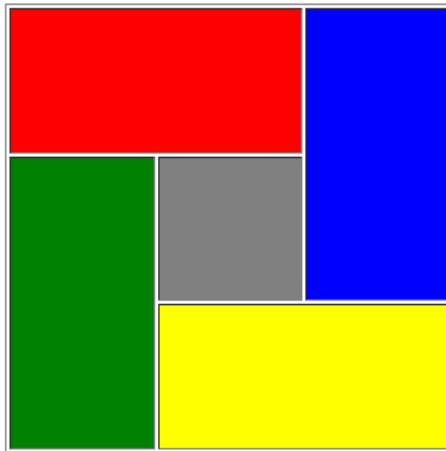
Example 5: Write a code to display as per Image

Task1.html

The Table Example		
ID	**Title**	**Price**
111	My first HTML	Rs 530
112	My first CSS	Rs 490
Total		Rs 1020

```html
<table border="1" cellspacing="0" cellpadding="10" bordercolor="blue" rules="groups">
<caption>The Table  Example</caption>
 <colgroup>
  <col span="1" bgcolor="yellow">
 </colgroup>
 <thead>
 <tr>
  <th>ID</th>
  <th>Title</th>
  <th>Price</th>
 </tr>
 </thead>
 <tbody>
 <tr>
  <td>111</td>
  <td>My first HTML</td>
  <td>Rs 530</td>
 </tr>
 <tr>
  <td>112</td>
  <td>My first CSS</td>
  <td>Rs 490</td>
 </tr>
</tbody>
<tfoot>
  <tr>
    <th colspan="2">Total</th>
    <td>Rs 1020</td>
  </tr>
</tfoot>
</table>
```

Example 6: Write an HTML code to draw a table as below:

Solution:

```
<body >
<table border="1" width="300" height="300">
<tr>
<td colspan="2" bgcolor="red"></td>
<td rowspan="2" bgcolor="blue"></td>
</tr>
<tr>
<td rowspan="2" bgcolor="green"></td>
<td bgcolor="gray"></td>
</tr>
<tr>
<td colspan="2" bgcolor="yellow"></td>
</tr>
</table>
</body>
```

Example 7: Give the code to print following table.

	average		other category
	height	weight	
males	1.9	0.003	yyy
females	1.7	0.002	xxx

```
<table border="2" rules="all" height="50%" width="30%">
<caption align="right">Table example</caption>
<thead align="center">
   <tr>
        <th rowspan="2"></th>
        <th colspan="2">Average</th>
        <th rowspan="2">Other Category</th>
</tr>
<tr align="center">
        <th>height</th>
        <th>weight</th>
</tr>
</thead>
<tbody>
        <tr align="center">
                <td>males</td>
                <td>1.9</td>
                <td>0.003</td>
                <td>yyy</td>
        </tr>
        <tr align="center">
                <td>females</td>
                <td>1.7</td>
                <td>0.002</td>
                <td>xxx</td>
        </tr>
</tbody>
</table>
```

Example 8: Give the code to print following table.

```html
<html>
  <body>
    <table height="100%" width="100%" rules="all" border="5px">
      <tr height="50" width="50" align="center">
        <td colspan="2" rowspan="2" bgcolor="pink">0</td>
        <td rowspan="2">1</td>
        <td rowspan="2">2</td>
        <td colspan="2" rowspan="2" bgcolor="yellow">3</td>
      </tr>
      <tr height="50" width="50"></tr>
      <tr height="50" width="50" align="center">
        <td colspan="2"></td>
        <td colspan="2" rowspan="2" bgcolor="gray">4</td>
        <td colspan="2"></td>
      </tr>
      <tr height="50" width="50" align="center">
        <td colspan="2" rowspan="2" bgcolor="lightblue">5</td>
        <td colspan="2" rowspan="2" bgcolor="lightgreen">6</td>
      </tr>
      <tr height="50" width="50" align="center">
        <td>7</td>
        <td>8</td>
      </tr>
    </table>
  </body>
</html>
```

Example 9: Give the code to print following table.

Day	Seminar		Topic
	schedule		
	Begin	End	
Monday	8:00 a.m.	5:00 p.m.	Introduction to XML
			Validity:DTD and Relax NG
Tuesday	8:00 a.m.	11:00 a.m.	XPath
	11:00 a.m.	2:00 p.m.	
	2:00 p.m.	5:00 p.m.	XSL Transformations
Wednesday	8:00 a.m.	12:00 p.m.	XSL Formmating Objects

```html
<html>
  <body>
    <table border="1">
      <tr align="center">
        <th rowspan="3">Day</th>
        <th colspan="3">Seminar</th>
      </tr>
      <tr align="center">
        <th colspan="2">schedule</th>
        <th rowspan="2">Topic</th>
      </tr>
      <tr align="center">
        <th>Begin</th>
        <th>End</th>
      </tr>
      <tr align="center">
        <td rowspan="2">Monday</td>
        <td rowspan="2" bgcolor="lightyellow">8:00 a.m.</td>
        <td rowspan="2"bgcolor="lightblue">5:00 p.m.</td>
        <td>Introduction to XML</td>
      </tr>
      <tr align="center">
        <td>Validity:DTD and Relax NG</td>
      </tr>
      <tr align="center">
        <td rowspan="3">Tuesday</td>
        <td bgcolor="lightyellow">8:00 a.m.</td>
        <td bgcolor="lightyellow">11:00 a.m.</td>
        <td rowspan="3">XPath <hr/>XSL Transformations</td>
      </tr>
      <tr align="center">

        <td bgcolor="lightyellow">11:00 a.m.</td>
        <td bgcolor="lightgreen"> 2:00 p.m.</td>
        </tr>
      <tr align="center">

          <td bgcolor="lightgreen">2:00 p.m.</td>
          <td bgcolor="lightblue">5:00 p.m.</td>

          </tr>
```

```
        <tr align="center">
            <td >Wednesday</td>
            <td bgcolor="lightyellow">8:00 a.m.</td>
            <td bgcolor="lightgreen">12:00 p.m.</td>
            <td>XSL Formmating Objects</td>
        </tr>
    </table>
  </body>
</html>
```

Example 10: Give the code to print following table.

Table for Result

Roll no.	Marks			
	FSD-1	Python-1	DE	Maths-1
1	22	23	20	24
2	21	20	22	20
3	Absent		22	20
Total pass student	2	2	3	3

```
<html>
<body>
<table border="5" height="50%" width="35%">
   <caption><strong>Table for Result</strong></caption>
   <thead>
<tr>
<th rowspan="2">Roll no.</th>
<th colspan="4">Marks</th>
</tr>
<tr align="center">

   <th>FSD-1</th>
   <th>Python-1</th>
   <th>DE</th>
```

```html
    <th>Maths-1</th>
</tr>
</thead>

<tbody>
<tr align="center">
   <td>1</td>
   <td>22</td>
   <td>23</td>
   <td>20</td>
   <td>24</td>
</tr>
<tr align="center">
   <td>2</td>
   <td>21</td>
   <td>20</td>
   <td>22</td>
   <td>20</td>
</tr>
<tr align="center">
<td>3</td>
   <td colspan="2">Absent</td>
   <td>22</td>
   <td>20</td>
</tr>
</tbody>

<tfoot>
   <tr align="center">
      <th>Total pass student</th>
      <th>2</th>
      <th>2</th>
      <th>3</th>
      <th>3</th>
   </tr>
</tfoot>

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

Example 11: Give the code to print following table.

Advanced HTML tag for Table using thead,tbody and tfoot			
Purchase order:9876		**Invoice- 30th Oct 2022**	
Vendor: ABC XYZ ltd. DUMMY STREET BUILDING 123 KOLHAPUR, MAHARASTRA		**SHIP TO:** PRIYEN PATEL WILSON GARDEN MANINAGAR, GUJARAT - 380008	
Qty.	**Item Code.**	**Description**	**Unit Price**
1	IABCDE	Pencils	20.00
1	IN877	Notebooks	100.00
1	IP8675	Pens .	70.00
Subtotal			190.00
GST		5%	9.50
Grand Total			199.50

```
<table border="2px" width="80%"  cellspacing="5" cellpadding="10">
<caption>Advanced HTML tag for Table using thead,tbody and tfoot</caption>
<thead>
        <tr>
        <th colspan="3">Purchase order:9876</th>
        <th>Invoice- 30th Oct 2022 </th>
        </tr>
        <tr>
        <td colspan="2">
        <strong>Vendor:</strong> <br>
        ABC XYZ ltd. <br>
        DUMMY STREET<br>
        BUILDING 123<br>
        KOLHAPUR, MAHARASTRA <br>
        </td>

        <td colspan="2">
        <strong>SHIP TO:</strong><br>
        KHUSHBU PATEL<br>
        WILSON GARDEN<br>
        MANINAGAR, GUJARAT - 380008 <br>
        </td>
        </tr>
</thead>
```

```
<tbody>
        <tr>
        <th>Qty.</th>
        <th>Item Code.</th>
        <th>Description</th>
        <th>Unit Price</th>
        </tr>
        <tr>
        <td>1</td>
        <td>IABCDE</td>
        <td>Pencils</td>
        <td>20.00</td>
        </tr>
        <tr>
        <td>1</td>
        <td>IN877</td>
        <td>Notebooks</td>
        <td>100.00</td>
        </tr>
        <tr>
        <td>1</td>
        <td>IP8675</td>
        <td>Pens</td>
        <td>70.00</td>
        </tr>
</tbody>
<tfoot>
<tr>
<th colspan="3">Subtotal</th>
<td> 190.00 </td>
</tr>
<tr>
<th colspan="2">GST</th>
<td>5%</td>
<td>9.50</td>
</tr>
<tr>
<th colspan="3">Grand Total</th>
<td>199.50</td>
</tr>
</tfoot>
</table>
```

Form Tasks

Example 1: Write a form to collect details of a user such as name, password, address, radio button to choose subject of book he wants to buy, Dropdown to choose favorite author by providing categories like novel, story book, comics and comments for the last book he read. Give title to form with outline, submit and reset buttons.

```html
<!DOCTYPE html>
<html>
<head>
        <title>User Details Form</title>
</head>
<body>
   <form action="#" method="post">
      <fieldset><legend>User Details Form</legend>
      <td>Name:</td>
      <input type="text" id="name" name="name" required><br><br>

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

      <td>Address:</td>
      <input type="text" id="address" name="address"><br><br>

      <td>Choose Subject of Book:</td><br>
      <input type="radio" id="subject_novel" name="book_subject" value="Novel">
      <td>Novel</td><br>

      <input type="radio" id="subject_storybook" name="book_subject" value="Story Book">
      <td>Story Book</td><br>

      <input type="radio" id="subject_comics" name="book_subject" value="Comics">
      <td>Comics</td><br><br>

      <td>Favorite Author:</td>
      <select id="favorite_author" name="favorite_author">
         <option value="novelists">Novelists</option>
        <option value="storybook_authors">Story Book Authors</option>
        <option value="comic_artists">Comic Artists</option>
      </select><br><br>

      <td>Comments for the Last Book You Read:</td><br>
```

```
        <textarea id="comments" name="comments" rows="4" cols="50"></textarea><br><br>

        <input type="submit" value="Submit">
        <input type="reset" value="Reset">
    </form>
</body>
</html>
```

Output:

┌─ User Details Form ──────────────────────────────┐
│ Name: [   ]   │
│   │
│ Password: [   ]   │
│   │
│ Address: [   ]   │
│   │
│ Choose Subject of Book: │
│   ○ Novel   │
│   ○ Story Book   │
│   ○ Comics   │
│ Favorite Author: [Novelists   ▼]   │
│ Comments for the Last Book You Read: │
│ [   ]   │
│ [   ]   │
│ [   ]   │
│   │
│ [Submit] [Reset]   │
└──┘

Example 2: Design a simple form to register student including name, rollno, semester, email, mobile number, gender, hobbies and feedback also create two buttons submit and reset.

```
<html>
<body>
    <form>
        Name: <input type="text" name="name"/><br/>
        Rollno: <input type="text" name="rollno"/><br/>
        Semester: <input type="text" name="sem"/><br/>
        E-mail:<input type="email" name="email"/><br/>
        Mobile:<input type="number" /><br/>
        Gender <lable><input type="radio" name="r1" value="male" checked>Male</lable>
            <lable><input type="radio" name="r1" value="female">Female</lable><br/>
        Hobby:<input type="checkbox" value="playing"/>playing
            <input type="checkbox" value="singing"/>singing
            <input type="checkbox" value="reading"/>reading<br/>
        Feedback:<textarea rows="5" cols="20"></textarea><br/>
        <input type="submit"/>
```

```
    <input type="reset"/>
    </form>
    </body>
    </html>
```

Example 3: Design a login page in HTML. Page must have fields like username, password, Remember me and login button.

```
<html>
  <body>
     <h2>Login</h2><br/>
    <form >
      <label>Username:</label>
      <input type="text" name="username" required><br/>
      <label >Password:</label>
      <input type="password"  name="password" required><br/>
        <input type="checkbox"  name="rememberMe">
        <label >Remember me</label><br/>
          <button type="submit">Login</button>
    </form>
  </div>
</body>
</html>
```

Example 4: Design a simple form to register for new user information and use fieldset and legend to differentiate personal details and educational details. Personal Details should contain Full Name, Email, Mobile number, Gender, Birth Date and Hobbies. and Educational Details should contain SSC Percentage, HSC Percentage, Branch(dropdown-CE,IT,CSE,CST,AIML). Add Submit and reset buttons.

```
<!DOCTYPE html>
<body>
      <h2>User Registration</h2>
    <form>
     <fieldset>
       <legend>Personal Details</legend>
       <label>Full Name:</label>
       <input type="text" name="fullName" required><br/>

       <label >Email:</label>
       <input type="email"name="email" required><br/>
```

```html
        <label>Mobile Number:</label>
        <input type="number" required><br/>

        <label >Gender:</label>
        <select  required>
          <option value="male">Male</option>
          <option value="female">Female</option>
          <option value="other">Other</option>
        </select><br/>

        <label >Birth Date:</label>
        <input type="date"  required><br/>

        <label >Hobbies:</label>
        <input type="text" /><br/>
      </fieldset>

      <fieldset>
        <legend>Educational Details</legend>
        <label >SSC Percentage:</label>
        <input type="text" required><br/>

        <label >HSC Percentage:</label>
        <input type="text"  required><br/>

        <label >Branch:</label>
        <select  required>
          <option value="CE">CE (Computer Engineering)</option>
          <option value="IT">IT (Information Technology)</option>
          <option value="CSE">CSE (Computer Science and Engineering)</option>
          <option value="CST">CST (Computer Science and Technology)</option>
          <option    value="AIML">AIML  (Artificial   Intelligence   and   Machine
Learning)</option>
        </select><br/>
      </fieldset>
      <input type="submit"/>
      <input type="reset" />
    </form>
  </div>
</body>
</html>
```

Example 5: Write an HTML form for a **Registration Form** that includes the following fields:

1. First name (text input)
2. Last name (text input)
3. Password and Confirm Password (password inputs)
4. Email (email input)
5. Mobile number (number input)
6. Address (textarea)
7. Gender (radio buttons: male/female)
8. Hobbies (checkboxes: hobby1, hobby2, hobby3)
9. Date of Birth (date input)
10. Country (dropdown list: India, China, USA)
11. Picture upload (file input)

Make sure to add a submit button labeled **"Save My Data"** and a reset button labeled **"Reset Data"**.

```
     <form>
       <fieldset><legend>RegistartionForm</legend>
       Registration Form <br/>
       <b>Enter your first name</b> <input type="text" placeholder="enter your first
name"/><br/>
       <b>Enter your last name</b> <input type="text" /><br/>
       <b>Enter your password</b> <input type="password" /><br/>
       <b>ReEnter your password</b> <input type="password" /><br/>
       <b>Enter your Email</b> <input type="email" /><br/>
       <b>Enter your Mobile</b> <input type="number" /><br/>
       <b>Enter your Address</b> <textarea cols="20" rows="5"></textarea><br/>
       <b>select your gender</b> <label>male<input type="radio" name="r1"
value="male"/></label>
       <label>female <input type="radio" name="r1" value="female"/></label><br/>
       <b>select your hobbies</b> <label>hobby1<input type="checkbox"
value="hobby1"/></label>
       <label>hobby2 <input type="checkbox" value="hobby2"/></label>
       <label>hobby3 <input type="checkbox" value="hobby3"/></label><br/>
       <b>select your DOB</b> <input type="date"/><br/>
       <b>select your country</b><select>
        <option selected hidden value="" disabled>select your country</option>
        <option>india</option>
        <option>china</option>
```

```
   <option>U.S.A</option>
   </select><br/>
   <b>Upload your pic</b><input type="file"/><br/>
   <input type="submit" value="Save My Data" />
   <input type="reset" value="Reset Data"/>
</fieldset>
</form>
```

Example 6:   Create form as per image

Create a free account
┌─Account Details──┐
│ Email[   ] Password   │
│ [   ]   │
│ Repeat Email[   ] Repeat Password   │
│ [   ]   │
└──┘
┌─Personal Details───┐
│ name[   ] Gender ○ male ○ female   │
│ Phone[   ] Birthdate [▾] [▾] [2022 ▾]   │
│ Street[   ] Nationality   │
│ [   ]   │
│ City[   ]   │
│ website[   ]   │
└──┘
┌─Terms and Mailing──┐
│ ☐ I accept the terms and conditions   │
│ ☐ I want to receive your mail   │
│ [Submit]   │
└──┘

```
<HMTL>
  <BODY>
    <FORM>
      Create a free account <br/>
      <fieldset><legend>Account Details</legend>

      Email<input type="email" required />
      Password <input type="password" required /> <br/>
```

```html
  Repeat Email<input type="email" required />
  Repeat Password <input type="password" required />
  </fieldset>
  <fieldset><legend>Personal Details</legend>

name<input type="text" required/>
Gender<label><input type="radio" name="r1" value="male" required/>male</label>
<label><input type="radio" name="r1" value="female" required/>female</label><br/>
Phone<input type="number"/>
Birthdate <select>
  <option selected value="" ></option>
  <option>1</option>
  <option>2</option>
  <option>3</option>
  </select>
  <select>
  <option selected value="" ></option>
  <option>1</option>
  <option>2</option>
  <option>3</option>
  </select>
  <select>
  <option selected >2022</option>
  <option>2023</option>
  <option>2024</option>
  <option>2025</option>
  </select><br/>
 Street<input type="text" required/>
 Nationality<input type="text" required/><br/>
 City<input type="text" required/><br/>
 website<input type="text" required/><br/>
  </fieldset>
  <fieldset><legend>Terms and Mailing</legend>
 <input type="checkbox"/>I accept the terms and conditions<br/>
 <input type="checkbox"/>I want to receive your mail<br/>
 <input type="submit"/>
   </FORM>
  </BODY>
</HMTL>
```

Example 7:   Create form as per image


```
<html>
<head><title>HTML Form</title>
</head>

<body>
<form method="get" action="demo.html">
<fieldset><legend>Pizza Ordering System</legend>
<table>
<tr>
<td>User name </td>
<td><input   type="text"   maxlength="10"   name="uname"
placeholder="EnterName"/></td>
</tr>

<tr>
<td>Size</td>
<td><input  type="radio"  name="Size"  checked/>Regular    <input  type="radio"
name="Size"/>Medium  <input type="radio" name="Size"/>Large</td>
</tr>

<tr>
<td>Date</td>
<td><input type="date"></td>
</tr>

<tr>
```

```html
<td>Email ID </td>
<td><input type="email"></td>
</tr>

<tr>
   <td>Contact number</td>
   <td><input type="number" min="1000000000" max="9999999999"></td>
</tr>

<tr>
<td>Extra toppings</td>
<td><input type="checkbox" checked/>Jalapeno    <input type="checkbox"/>Mushrooms
<input type="checkbox"/>Black Olives</td>
</tr>

<tr>
<td>Method of Payment</td>
<td>

<select>
<option value=" " disabled hidden selected> - - Select Method - - </option>
<optgroup label="Online">
<option>UPI</option>
<option>Paytm</option>
 <option>Amazon Pay</option>
<option>Credit card/Debit card</option>
</optgroup>
<option>COD</option>
</select>
</td>
</tr>

<tr>
<td>Address </td>
<td><textarea rows="6" cols="20"></textarea></td>
</tr>

</table>
<tr>
<td><Input type="submit" value="Place order"/></td>
<td><Input type="reset" value="Reset"/></td>
```

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

Example -8

Write a code to prepare Food Review form as shown in image given below.


```
<body>
  <hr size ="5" color="orange">
  <font color="blue" size="5"><b><center>Food Review </center></b> </font>
  <hr size ="5" color="green">

<form>
  <fieldset><legend>Customer Detail</legend>
  <table>
  <tr >
```

```html
      <th>Name:</th>
      <td><input type="text" placeholder ="Enter your Name"></td>
   </tr>

<tr>
   <th> Number: </th>
   <td> <input type="tel" placeholder ="Enter your Number" > </td>
</tr>
<tr >
   <th> Email: </th>
   <td> <input type="email" placeholder ="Enter your Email"> </td>
</tr>
<tr>
   <th> Pizza Name: </th>
   <td> <input type="checkbox" value="Simple Veg" name="pn"> Simple. veg <br>
      <input type="checkbox" value="7 Cheese" name="pn"> 7 Cheese
   </td>
</tr>
<tr>
   <th> Outlet City: </th>
   <td > <select name="city">
        <option value="" >--List of Area-- </option>
        <Option value="ahm"> Ahmedabad </option>
        <Option value="gandhinagar"> Gandhinagar </option>
        <Option value="Baroda"> Baroda </option>
      </select>
   </td>
</tr>
   <tr>
      <th>Order date:</th>
      <td><input type="date"></td>
   </tr>
   <tr>
      <th>Comment:</th>
      <td> <textarea cols="15" rows="2"></textarea>
      </td>
   </tr>
</table>
</fieldset>

<fieldset><legend>Scale Ordered Pizza </legend>
<table rules="all">
<tr>
   <th>Scale</th>
   <th> Good </th>
   <th> Avg. </th>
   <th> Bad </th>
```

```
      </tr>
      <tr >
        <th>Quality</th>
        <th> <input type="radio" name="a1" checked> </th>
        <th> <input type="radio" name="a1"> </th>
        <th> <input type="radio" name="a1"> </th>
      </tr>
      <tr>
        <th>Quantity</th>
        <th> <input type="radio" name="a2" checked> </th>
        <th> <input type="radio" name="a2"> </th>
        <th> <input type="radio" name="a2" > </th>
      </tr>
      <tr>
        <th>Freshness</th>
        <th> <input type="radio" name="a3"> </th>
        <th> <input type="radio" name="a3" checked> </th>
        <th> <input type="radio" name="a3"> </th>
      </tr>
      <tr>
        <th>Overall <br> Rating </th>
        <th colspan="3">0<input type="range" scale=1> 10</th>
      </tr>
      <tr align="center">
        <td colspan="4"><input type="submit"></td>
      </tr>
      </table>
      </fieldset>
</form>
</body>
```

Example -9

Design a simple form to register new user information and use fieldset and legend to differentiate Personal details and Educational details. Personal Details should contain Full Name, Email, Mobile number, Gender, Birth Date and Hobbies. and Educational Details should contain SSC Percentage, HSC Percentage, Branch(dropdown-CE,IT,CSE,CST,AIML). Add Submit and reset buttons.

Using Table Tag(*Ref)

```
<html>
<head><title>Form</title></head>
<body>
<form method="get" action="n1.html">
```

```html
<fieldset>
<legend>Personal Details</legend>
<table border="2" rules="all" width="100%" cellpadding="10">
<tr>
<th>Full Name</th>
<td><input type="text"> </td>
</tr>
<tr>
<th>Email Id</th>
<td><input type="email"> </td>
</tr>
<tr>
<th>Mobile</th>
<td><input type="text"> </td>
</tr>
<tr>
<th>Date Of Birth</th>
<td><input type="date" min="1990-10-01" max="2008-12-31">
 </td>
 </tr>
<tr>
<th>Gender</th>
<td>
<input type="radio" name="gender" value="male"> Male
<input type="radio" name="gender" value="female"> Female
</td>
</tr>
<tr>
<th>Hobbies</th>
<td colspan="3">
 <input type="checkbox" name="hobby" value="drawing">Drawing
<input type="checkbox" name="hobby" value="reading">Reading
<input type="checkbox" name="hobby" value="dancing">Dancing
</td>
</tr>
</table>
</fieldset>
<br>
<fieldset>
```

```
<legend>Educational Details</legend>
<table rules="all" border="2" width="100%" cellpadding="10">
<tr>
<th>SSC % </th>
<td><input type="number"> </td>
</tr>
<tr >
<th>HSC % </th>
<td><input type="text"> </td>
</tr>
<tr>
<th>Branch </th>
<td>
<select name="branch">
<option value="select" selected disabled hidden> Select
 Branch</option>
 <option value="cse"> CSE </option>
<option value="cst"> CST </option>
<option value="ce"> CE </option>
<option value="it"> IT </option>
<option value="aiml"> AIML </option>

</select>
</td>
</tr>
</table>
</fieldset>
<br>
 <div align="center">
<input type="reset" value="Reset Values">
<input type="submit" value="Submit Values">
</div>
</body>
</html>
```

Personal Details

Full Name	
Email Id	
Mobile	
Date Of Birth	mm / dd / yyyy
Gender	○ Male ○ Female
Hobbies	☐ Drawing ☐ Reading ☐ Dancing

Educational Details

SSC %	
HSC %	
Branch	Select Branch ⌄

Reset Values   Submit Values

SVG, Area & Map Tasks

Example 1: Draw Traffic signal using SVG

```
<html>
   <body>
<svg width="1300" height="600" style="border:4px solid green;background-color:blue">
   <!-- Red Light -->
   <rect x="40" y="50" height="300" width="130" fill="black"/>
   <rect x="90" y="350" height="190" width="30" fill="black"/>
         <circle cx="100" cy="100" r="40" fill="red" />

   <!-- Yellow Light -->
   <circle cx="100" cy="200" r="40" fill="yellow" />

   <!-- Green Light -->
   <circle cx="100" cy="300" r="40" fill="green" />
   </svg>
</body>
   </html>
```

Example 2: Write an HTML script to draw a tricolor according to indian national flag with Ashok Chakra as a simple circle in between. (using svg)

```
<svg width="600" height="400" style="border:2px solid black">

 <!-- Saffron color -->
 <rect width="600" height="133.33" fill="orange"/>

 <!-- White color -->
 <rect y="133.33" width="600" height="133.33" fill="white"/>

 <!-- Green color -->
 <rect y="266.66" width="600" height="133.34" fill="green"/>

 <!-- Ashoka Chakra -->
 <circle cx="300" cy="200" r="60" fill="blue"/>


</svg>
```
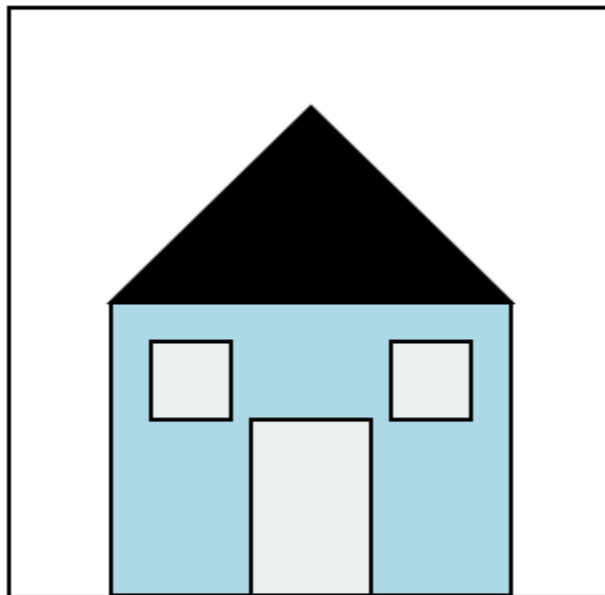
Example 3 : Write an HTML script to render a combined image of mother, father and child from family.jpg. After clicking individual person, it should open different single picture of mother or father or child from mother.jpg, father.jpg & child.jpg respectively.

```
<html>
<head></head>
<body>
<img src="family.jpg" usemap="#workmap" width="50%" height="50%"/>
<map name ="#workmap">
        <area shape="rect" coords="85,16,47,41" href="mother.jpg" target="_blank"/>
        <area shape="rect" coords="86,68,60,70" href="father.jpg" target="_blank"/>
        <area shape="rect" coords="90,80,50,60" href="child.jpg" target="_blank"/>
</map>
</body>
</html>
```

Example 4: Write an HTML code to draw a house using svg as below:

Solution:

```
<html>
<head>
    <title>SVG House</title>
</head>
<body>
<svg width="300" height="300" style="border:2px solid black">

 <!-- House base -->
 <rect  x="50"  y="150"  width="200"  height="150"  fill="lightblue"  stroke="black"  stroke-
width="2"/>

 <!-- Roof -->
 <polygon points="50,150 150,50 250,150" fill="coffee" stroke="black" stroke-width="2"/>

<!-- <line x1="50" y1="150" x2="150" y2="50"  stroke="black" stroke-width="2"/>
 <line x1="150" y1="50" x2="250" y2="150" stroke="black" stroke-width="2"/>
 <line x1="250" y1="150" x2="50" y2="150" stroke="black" stroke-width="2"/> -->

 <!-- Door -->
 <rect x="120" y="210" width="60" height="90" fill="white" stroke="black" stroke-width="2"/>

 <!-- Windows -->
 <rect x="70" y="170" width="40" height="40" fill="white" stroke="black" stroke-width="2"/>
 <rect x="190" y="170" width="40" height="40" fill="white" stroke="black" stroke-width="2"/>

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

Example 5: Create rainbow using SVG shape with seven different color's arcs.

```
<html>
<body>
  <svg width="300" height="100" >

    <!-- Violet Circle -->
    <circle cx="150" cy="100" r="70" fill="violet" />

    <!-- Indigo Circle -->
    <circle cx="150" cy="100" r="60" fill="indigo" />
```

```
      <!-- Blue Circle -->
      <circle cx="150" cy="100" r="50" fill="blue" />

      <!-- Green Circle -->
      <circle cx="150" cy="100" r="40" fill="green" />

      <!-- Yellow Circle -->
      <circle cx="150" cy="100" r="30" fill="yellow" />

      <!-- Orange Circle -->
      <circle cx="150" cy="100" r="20" fill="orange" />

      <!-- Red Circle -->
      <circle cx="150" cy="100" r="10" fill="red" />
  </svg>
</body>
</html>
```

Example 6 : Draw a rectangle using HTML5 SVG. Fill that rectangle with blue color, and make 4px black stroke width. Also draw circle inside rectangle, fill that circle with yellow color, and make 3px red stroke width.

```
<html>
<body>
  <svg width="200" height="200">
    <!-- Rectangle with blue fill and 4px black stroke -->
   <rect x="20" y="20" width="160" height="100" fill="blue" stroke="black" stroke-width="4"
/>
    <!-- Circle inside the rectangle with yellow fill and 3px red stroke -->
    <circle cx="100" cy="70" r="20" fill="yellow" stroke="red" stroke-width="3" />
  </svg>
</body>
</html>
```

Example 7: Write an HTML script to render a combined image of HTML, CSS and JS from info.jpg. After clicking individual name as HTML, CSS and JS, it should open different single picture of HTML info page, CSS info page and JS info page from HTML.jpg, CSS.jpg and JS.jpg respectively.

```
<body>
  <h1>Combined Image of HTML, CSS, and JS</h1>
```

```
    <!-- Combined Image with Image Map -->
    <img    src="info.jpg"    alt="Combined    Image"    usemap="#imageMap"    width="800px"
height="auto"/>

    <!-- Image Map Definitions -->
    <map name="imageMap">
        <!-- Area for HTML -->
        <area shape="rect" coords="0,0,266,400" href="HTML.jpg" target="_blank" alt="HTML">

        <!-- Area for CSS -->
        <area shape="rect" coords="266,0,532,400" href="CSS.jpg" target="_blank" alt="CSS">

        <!-- Area for JS -->
        <area shape="rect" coords="532,0,800,400" href="JS.jpg" target="_blank" alt="JS">
    </map>
</body>
```
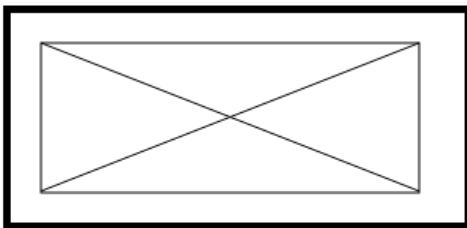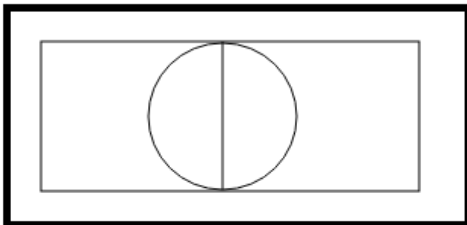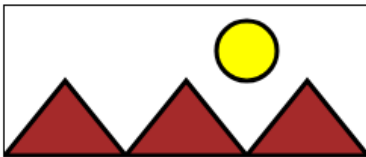
Example 8 : Design as per Image


```
<svg height="100" width="240" style="border: 1px solid black;">


<polygon points="0,100,40,50,80,100,80,100,120,50,160,100,160,100,200,50,240,100"
fill="brown" stroke="black" stroke-width="3"/>
<circle cx="160" cy="30" r="20" fill="yellow" stroke="black" stroke-width="3"/>
```

```
</svg>

<svg height="140" width="300" style="border: 5px solid black;">
<rect x="20" y="20" width="250" height="100" fill="white" stroke="black" stroke-width=""/>
<circle cx="140" cy="70" r="49" fill="#fff" stroke="#000"/>
<line x1="140" y1="20" x2="140" y2="119" stroke="black"/>
</svg>

<svg height="140" width="300" style="border: 5px solid black;">
<rect x="20" y="20" width="250" height="100" fill="white" stroke="black" stroke-width=""/>
<line x1="20" y1="119" x2="270" y2="20" stroke="black"/>
<line x1="20" y1="20" x2="270" y2="119" stroke="black"/>
</svg>
```

Example 9 : Design a logo as per Image


```
<svg height="100%" width="100%" stroke-width="2" stroke="black">
   <rect x="0" y="0" width="200"  height="210" fill="orange"/>
   <text fill="black" font-size="20" font-family="Verdana" x="78" y="115">SUN</text>
   <polygon points="100 10,40 198,190 78,10 78,160 198" fill-rule="evenodd" fill="white"
stroke="black" stroke-width="3" />
</svg>
```