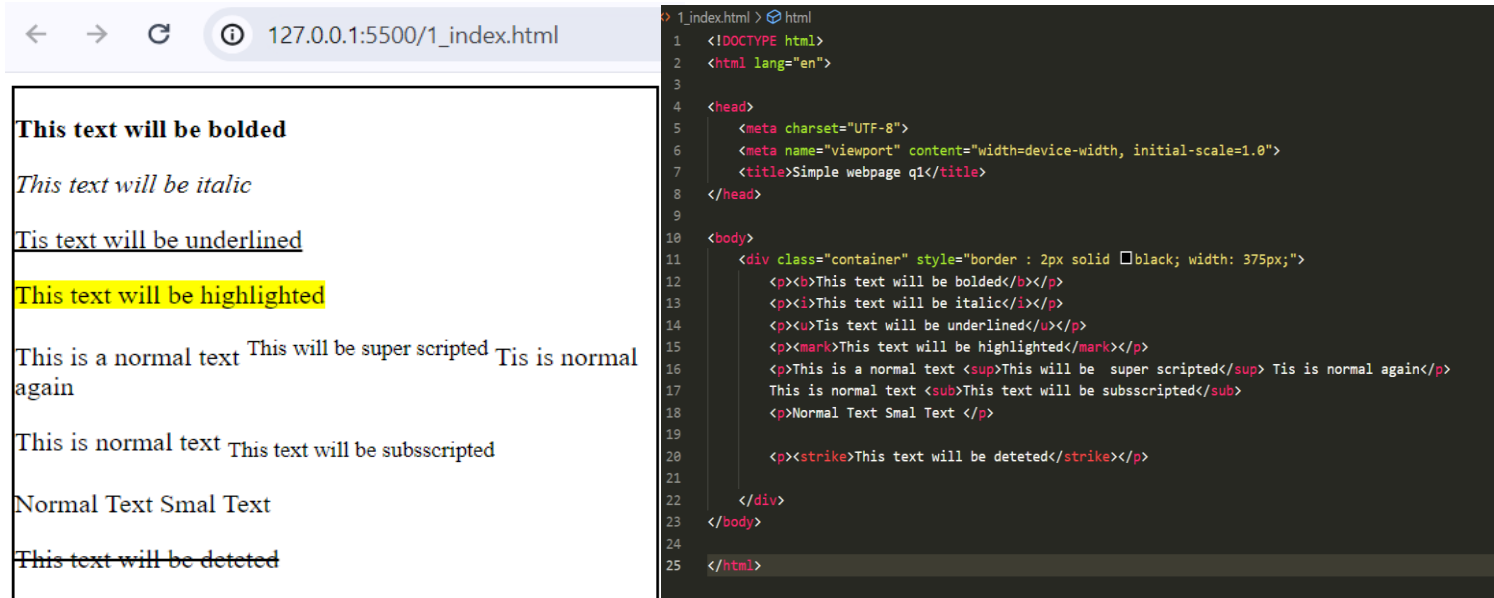


Core Html Assignment

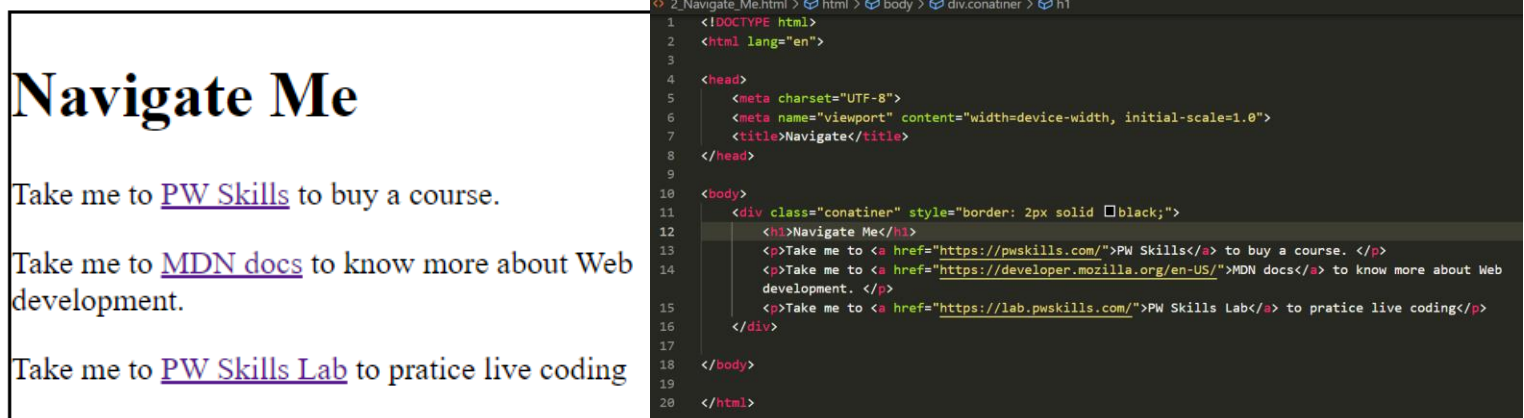
1. Build a simple webpage that displays text as shown in the below image .

Here is the website



2. Build a simple webpage that helps users navigate different web development-related websites. Note: On clicking the hyperlink the web pages should open in a new tab. Below is a reference image.

Here is my website



3. **Build a simple blog web page with r pages home, web development, and web design. Each page just contain hyperlinks to other pages in the top, a heading of the page topic and a paragraph of information. For the home page you can add some information about yourself**

Here is the website

Blog Post

Learn With Top Company

Top Blogs



I have extensive experience in front-end development, having successfully completed numerous projects that demonstrate my proficiency in HTML, CSS, and JavaScript. My work spans from creating responsive, user-friendly websites to developing complex web applications. A few highlights of my career include:

- Today's Tomorrow News Website: Developed a fully responsive news website using HTML, CSS, Bootstrap, and JavaScript. This project showcases my ability to create visually appealing and functional web applications. You can view the website at [todaytomorrow.aertifyapp](#).
- To-Do List Web App: Created a dynamic to-do list application using HTML, CSS, and JavaScript, allowing users to add, edit, and manage tasks. This project highlights my skills in interactive web development and DOM manipulation. The application is available at [todo-notes-by-aertifyapp](#).
- Responsive Web Design: Developed a fully responsive e-commerce website using HTML, CSS, and JavaScript, ensuring seamless user experience across all devices. The project required meticulous attention to detail and a strong understanding of mobile-first design principles.
- Interactive Web Applications: Built an interactive to-do list application with JavaScript that allows users to add, edit, and delete tasks. This project involved implementing dynamic DOM manipulation and utilizing local storage for data persistence.
- UI/UX Enhancement: Improved a company's internal dashboard by refining CSS styles and adding JavaScript functionalities, resulting in a 30% increase in user engagement and productivity. In addition to my technical skills, I am an excellent communicator and a collaborative team player. I thrive in fast-paced environments and am always eager to take on new challenges that help me grow professionally. My ability to quickly learn and adapt to new technologies ensure that I can effectively contribute to your ongoing and future projects. For more details about my professional background and to view my portfolio, please visit my LinkedIn profile at [linkedin.com/in/saket-verma-982970214](#).

Know More

About Me

Learn With Top Company

Top Blogs

Log In

×

Title

Write your Notes

Log In

Code :

Answer of q3 > 3_blog_web.html > html > head > style > para

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Blog_web</title>
8   <link href="https://fonts.googleapis.com/css2?family=Oswald:wght@200..700&display=swap" rel="stylesheet">
9   <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.2/css/all.min.css">
10  <style>
11    .container {
12      position: relative;
13      width: 80%;
14      height: 100vh;
15      text-align: center;
16      margin: auto;
17    }
18
19    .heading {
20      font-size: 10px;
21    }
22
23    .para {
24      display: inline-block;
25      margin: 7px;
26      padding: 10px;
27      font-size: 20px;
28      width: 30%;
29      border: 2px solid black;
30      cursor: pointer;
```

```
<body>
  <div class="container">
    <div class="nav">
      <div class="nav-links"><a href="3_blog_web.html">Home</a></div>
      <div class="nav-links"><a href="about_page.html">About</a></div>
      <div class="nav-links"><a href="contact_page.html">Contact</a></div>
      <div class="nav-links search_box">
        <input type="text" class="text_box"> <i class="fa-solid fa-magnifying-glass" aria-hidden="true"></i></div>
      </div>
      <div class="nav-links left-1"><a href="signin.html">sign In</a></div>
      <div class="nav-links left-1"><a href="login.html">login In</a></div>
    </div>
    <div class="sub_container">
      <div>
      </div>
      <div class="heading">Blog Post</div>
      <div class="para pl">Learn With Top Company</div>
      <div class="para p2">Top Blogs</div>
      <div></div><div></div><div></div>
    </div>
  </div>
  <div></div><div></div><div></div>
  <div class="cards">
    <div class="card">
      <div class="profile">
        
      </div>
      <div class="desc">
        Lorem ipsum dolor sit amet consectetur adipisicing elit. Esse illum assumenda accusamus nesciunt exercitationem nam magnam laborum! Provident, quasi in. Lorem ipsum dolor sit amet, consectetur adipisicing elit. Nemo a dolores soluta mollitia aspernatur. Iusto consequatur quos nobis nesciunt animi. Minus repellendus vero reprehenderit nisi dignissimos eveniet atque, quibusdam, a aspernatur commodi facere vitae.
      </div>
      <div class="explore"><a href="" class="exp_more">Know More</a></div>
    </div>
    <div class="card">
      <div class="profile">
        
      </div>
      <div class="desc">
        Lorem ipsum dolor sit amet consectetur adipisicing elit. Esse illum assumenda accusamus nesciunt exercitationem nam magnam laborum! Provident, quasi in. Iusto consequatur quos nobis nesciunt animi. Minus repellendus vero reprehenderit nisi dignissimos
```

```
</div>
  </div>
  <div class="cards">
    <div class="card">
      <div class="profile">
        
      </div>
      <div class="desc">
        Lorem ipsum dolor sit amet consectetur adipisicing elit. Esse illum assumenda accusamus nesciunt exercitationem nam magnam laborum! Provident, quasi in.
      </div>
      <div class="explore"><a href="" class="exp_more">Know More</a></div>
    </div>
    <div class="card">
      <div class="profile">
        
      </div>
      <div class="desc">
        Lorem ipsum dolor sit amet consectetur adipisicing elit. Esse illum assumenda accusamus nesciunt exercitationem nam magnam laborum! Provident, quasi in.
      </div>
      <div class="explore"><a href="" class="exp_more">Know More</a></div>
    </div>
    <div class="card">
      <div class="profile">
        
      </div>
      <div class="desc">
        Lorem ipsum dolor sit amet consectetur adipisicing elit. Esse illum assumenda accusamus nesciunt exercitationem nam magnam laborum! Provident, quasi in.
      </div>
      <div class="explore"><a href="" class="exp_more">Know More</a></div>
    </div>
  </div>
  <div></div><div></div><div></div>
  <div></div>
</body>
```

```
    sub_container {
      position: absolute;
      top: 50px;
      width: 100%;
    }
```

```
    .p2 {
      width: 30%;
    }
```

```
    .para:hover {
      background-color: rgb(160, 163, 165);
      font-size: 15px;
      color: white;
      font-weight: bold;
    }
```

```
    .nav-links {
      line-height: 32px;
      display: inline-block;
      float: left;
      margin: 10px;
      padding: 4px;
    }
```

```
    .nav-links a:hover {
      font-size: 14px;
      color: white;
      font-weight: bold;
    }
```

```
    .search_box {
      width: 43%;
      margin-left: 70px;
      background-color: rgb(160, 163, 165);
    }
```

```
    .text_box {
      width: 80%;
      height: 30px;
    }
```

```
    sub_container {
      position: absolute;
      top: 50px;
      width: 100%;
    }
```

```
    .p2 {
      width: 30%;
    }
```

```
    .para:hover {
      background-color: rgb(160, 163, 165);
      font-size: 15px;
      color: white;
      font-weight: bold;
    }
```

```
    .nav-links {
      line-height: 32px;
      display: inline-block;
      float: left;
      margin: 10px;
      padding: 4px;
    }
```

```
    .nav-links a:hover {
      font-size: 14px;
      color: white;
      font-weight: bold;
    }
```

```
    .search_box {
      width: 43%;
      margin-left: 70px;
      background-color: rgb(160, 163, 165);
    }
```

```
    .text_box {
      width: 80%;
      height: 30px;
    }
```

4. Create an ordered list of HTML tags. Each list item must include the tag name and some information about the tag.

Here is the Website :

1. <a> atag -- It is used to attach the link and it has a properties like href which is used to link
2. tag -- It is a tag which is used to attach image to the website it has a alt ="" which is used
3. -- It stand for Order list which help to list down something with order
4. -- It stand for Unorder list which list down not not with order

Code :

```
4_order_list.html > html > body > ol
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Order List</title>
8  </head>
9
10 <body>
11     <ol style="border: 2px solid black;">
12         <li>&lt;a href = "#"&gt; &lt;a&gt; atag -- It is used to attach the link and it has a properties like href
13         which is used to link&lt;/li>
14         <li>&lt;img src ="" alt =""&gt; tag -- It is a tag which is used to attach image to the website it has a
15         alt ="" which is used in case image url is not working and src = " " help to open in take the url of image&lt;/
16         li>
17         <li>&lt;ol&gt; -- It stand for Order list which help to list down something with order&lt;/li>
18         <li>&lt;ul&gt; -- It stand for Unorder list which list down not not with order&lt;/li>
19     </ol>
20 </body>
21 </html>
```

5. Create a description list of full stack web development tech stack, using the <dl> tag. Each term should be a tech stack name and each description should be a brief explanation of what the tech stack is used for.

Here is the Website :

```
HTML
The standard markup language used for creating web pages and web applications. It provides the basic structure of sites.

CSS
A style sheet language used for describing the presentation of a document written in HTML. It controls the layout and appearance of the web pages.

JavaScript
A programming language that enables interactive web pages. It is an essential part of web applications, allowing for client-side script to interact with the user and create dynamic content.

React
A JavaScript library for building user interfaces, maintained by Facebook. It allows developers to create large web applications that can update and render efficiently in response to data changes.

Node.js
An open-source, cross-platform, JavaScript runtime environment that executes JavaScript code outside a web browser. It is used for building server-side applications.

Express.js
A web application framework for Node.js, designed for building web applications and APIs. It provides a robust set of features for web and mobile applications.

MongoDB
A NoSQL database program that uses JSON-like documents with optional schemas. It is designed for scalability and developer agility.

MySQL
An open-source relational database management system. It is widely used for managing and storing data in web applications.

GraphQL
An open-source data query and manipulation language for APIs, and a runtime for fulfilling those queries with your existing data. It provides a more efficient, powerful, and flexible alternative to REST.

Docker
A set of platform-as-a-service products that use OS-level virtualization to deliver software in packages called containers. It helps in creating, deploying, and running applications easily in any environment.

Kubernetes
An open-source container orchestration system for automating software deployment, scaling, and management. It is designed to manage complex applications across a cluster of nodes.

Git
A distributed version control system designed to handle everything from small to very large projects with speed and efficiency. It helps in tracking changes in source code during software development.

Webpack
An open-source JavaScript module bundler. It is primarily used for bundling JavaScript files, but it can transform front-end assets like HTML, CSS, and images if the corresponding loaders are included.

Babel
A JavaScript compiler that is mainly used to convert ECMAScript 2015+ code into a backward-compatible version of JavaScript in current and older browsers or environments.
```

Code :

```
5_web.dev.tech_stack.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5    <meta charset="UTF-8">
6    <meta name="viewport" content="width=device-width, initial-scale=1.0">
7    <title>Web development tech stack</title>
8  </head>
9
10 <body>
11   <dl>
12     <dt>HTML</dt>
13     <dd>The standard markup language used for creating web pages and web applications. It provides the basic structure of sites.</dd>
14
15     <dt>CSS</dt>
16     <dd>A style sheet language used for describing the presentation of a document written in HTML. It controls the layout and appearance of the web pages.</dd>
17
18     <dt>JavaScript</dt>
19     <dd>A programming language that enables interactive web pages. It is an essential part of web applications, allowing for client-side script to interact with the user and create dynamic content.</dd>
20
21     <dt>React</dt>
22     <dd>A JavaScript library for building user interfaces, maintained by Facebook. It allows developers to create large web applications that can update and render efficiently in response to data changes.</dd>
23
24     <dt>Node.js</dt>
25     <dd>An open-source, cross-platform, JavaScript runtime environment that executes JavaScript code outside a web browser. It is used for building server-side applications.</dd>
26
27     <dt>Express.js</dt>
28     <dd>A web application framework for Node.js, designed for building web applications and APIs. It provides a robust set of features for web and mobile applications.</dd>
29
30     <dt>MongoDB</dt>
31     <dd>A NoSQL database program that uses JSON-like documents with optional schemas. It is designed for scalability and developer agility.</dd>
32
33     <dt>MySQL</dt>
34     <dd>An open-source relational database management system. It is widely used for managing and storing data in web applications.</dd>
35
36     <dt>GraphQL</dt>
37     <dd>An open-source data query and manipulation language for APIs, and a runtime for fulfilling those queries with your existing data. It provides a more efficient, powerful, and flexible alternative to REST.</dd>
38
39     <dt>Docker</dt>
40     <dd>A set of platform-as-a-service products that use OS-level virtualization to deliver software in packages called containers. It helps in creating, deploying, and running applications easily in any environment.</dd>
41
42     <dt>Kubernetes</dt>
43     <dd>An open-source container orchestration system for automating software deployment, scaling, and management. It is designed to manage complex applications across a cluster of nodes.</dd>
44
45     <dt>Git</dt>
46     <dd>A distributed version control system designed to handle everything from small to very large projects with speed and efficiency. It helps in tracking changes in source code during software development.</dd>
47
48     <dt>Webpack</dt>
49     <dd>An open-source JavaScript module bundler. It is primarily used for bundling JavaScript files, but it can transform front-end assets like HTML, CSS, and images if the corresponding loaders are included.</dd>
50
51     <dt>Babel</dt>
52     <dd>A JavaScript compiler that is mainly used to convert ECMAScript 2015+ code into a backward-compatible version of JavaScript in current and older browsers or environments.</dd>
53   </dl>
54 </body>
55
56 </html>
```

6. Create an ordered list of the full stack web development tech stack HTMK, CSS, and JS. For each tech stack, create a table that lists the tech stack name, its primary use cases, and some key features or benefits. Below is a reference image.

Here is the Website

1. HTML

Primary Use Case	Key Features/Benifits
Building the Structure of Web Pages	<ul style="list-style-type: none">◦ Simple and easy to learn◦ Compatble with all web browsers◦ Allow for semantic markup

2. CSS

Primary Use Case	Key Features/Benifits
Styling and layout of web pages	<ul style="list-style-type: none">◦ Allows for separation of content and presentation◦ Enables responsive design◦ Offers a wide range of styling options

Code :

```
6_table_of_HTML_CSS.html > html > body > ol > li
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>HTML_CSS_Table</title>
8  </head>
9
10 <body>
11     <ol>
12         <li>
13             <h1>HTML</h1>
14             <table border="4">
15                 <th cellpadding="25px"><b>Primary Use Case</b></th>
16                 <th cellpadding="25px" cellpadding="25px"><b>Key Features/Benifits</b></th>
17                 <tr>
18                     <td>Building the Structure of Web Pages</td>
19                     <td>
20                         <ul>
21                             <li>Simple and easy to learn</li>
22                             <li>Compatble with all web browsers</li>
23                             <li>Allow for semantic markup</li>
24                         </ul>
25                     </td>
26                 </tr>
27             </table>
28         </li>
```



```

<h1>CSS</h1>
<table border="4">
  <th cellpadding="25px"><b>Primary Use Case</b></th>
  <th cellpadding="25px"><b>Key Features/Benifits</b></th>
  <tr>
    <td cellpadding="25px">
      Styling and layout of web pages
    </td>
    <td>
      <ul>
        <li>Allows for separation of content and presentation</li>
        <li>Enables responsive design</li>
        <li>Offers a wide range of styling options</li>
      </ul>
    </td>
  </tr>
</table>
</li>
</ol>
</body>
</html>

```

7. **Build a complex nested list structure representing a multi-level table of contents. Use unordered lists () and list items () with inline-block styling to create a structure layout. Apply formatting tags to enhance the presentation of list items**

Here is a Website:

Table of Contents

- [Part 1: Introduction](#)
- [Part 2: Getting Started](#)
 - [2.1 Installing the Software](#)
 - [2.2 Creating a New Project](#)
 - [2.2.1 Project Templates](#)
 - [2.2.2 Customizing Settings](#)
 - [Exploring the Interface](#)
 - [2.3.1 Toolbar Features](#)
 - [2.3.2 Panel Layout](#)
 - [2.3.2.1 Docking Panels](#)
 - [2.3.2.2 Tabbed Interface](#)
- [Part 3: Advanced Topics](#)
 - [3.1 Working with Plugins](#)
 - [3.1.1 Installing Plugins](#)
 - [3.1.2 Plugins Configuration](#)
 - [3.2 Customizing the UI](#)
 - [3.2.1 Changing Themes](#)
 - [3.2.2 Configuring Shortcuts](#)
 - [3.3 Optimizing Performance](#)
 - [3.3.1 Caching Strategies](#)
 - [3.3.2 Resource Minification](#)
- [Part 4: Conclusion](#)

<> 7_Table_of_content.html > html > body > div.container > ul > li > ul > li > ul

```
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Table_of_content</title>
8  </head>
9
10 <body>
11     <div class="container" style="width : 345px; border: 2px solid black;">
12         <h1>Table of Contents</h1>
13         <ul>
14             <li><a href="#">Part 1: Introduction</a></li>
15             <li><a href="#">Part 2: Getting Started</a>
16                 <ul type="circle">
17                     <li><a href="#">2.1 Installing the Software</a></li>
18                     <li><a href="#">2.2 Creating a New Project</a>
19                         <ul type="square">
20                             <li><a href="#">2.2.1 Project Templates</a></li>
21                             <li><a href="#">2.2.2 Customizing Settings</a></li>
22                         </ul>
23                     </li>
24                     <li><a href="#">Exploring the Interface</a>
25                         <ul type="square">
26                             <li><a href="#">2.3.1 Toolbar Features</a></li>
27                             <li><a href="#">2.3.2 Panel Layout</a>
28                                 <ul type="square">
29                                     <li><a href="#">2.3.2.1 Docking Panels</a></li>
30                                     <li><a href="#">2.3.2.2 Tabbed Interface</a></li>
31                                 </ul>
32                             </li>
33                         </ul>
34                     </li>
35                 </ul>
36             </li>
37             <li><a href="#">Part 3: Advanced Topics</a>
38                 <ul type="circle">
39                     <li><a href="#">3.1 Working with Plugins</a>
40                         <ul type="square">
41                             <li><a href="#">3.1.1 Installing Plugins</a></li>
42                             <li><a href="#">3.1.2 Plugins Configuration</a></li>
43                         </ul>
44                     </li>
45                     <li><a href="#">3.2 Customizing the UI</a>
46                         <ul type="square">
47                             <li><a href="#">3.2.1 Changing Themes</a></li>
48                             <li><a href="#">3.2.2 Configuring Shortcuts</a></li>
49                         </ul>
50                     </li>
51                     <li><a href="#">3.3 Optimizing Performance</a>
52                         <ul type="square">
53                             <li><a href="#">3.3.1 Caching Strategies</a></li>
54                             <li><a href="#">3.3.2 Resource Minification</a></li>
55                         </ul>
56                     </li>
57                 </ul>
58             </li>
59             <li><a href="#">Part 4: Conclusion</a></li>
60         </ul>
61     </div>
62 </body>
63 </html>
```


8. Create a table to display a conference schedule. Each row corresponds to a time slot, and each column corresponds to a room. Some time slots might have multiple sessions running simultaneously in different rooms. Utilize rowspan and colspan attributes as necessary to accommodate this complex schedule. (use table attribute “cellpadding” to give extra padding in each table cell).

Here is website:

Conference Schedule

Time	Room 1	Room 2	Room 3	Room 4
9:00 AM - 10:00 AM	Keynote	Session A	Session B	Session C
		Session D	Session E	
	10:30 AM - 11:30 AM	Session F		
12:00 PM - 1:00 PM	Lunch Break			
1:00 PM - 2:00 PM	Session G	Session H	Session I	Session J
	Session K		Session L	Session M

Code :

```

8_conference_schedule.html > html > body > div.container
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Conference Schedule</title>
8  </head>
9
10 <body>
11     <div class="container">
12         <h1>Conference Schedule</h1>
13         <table border="4">
14             <tr>
15                 <th>Time</th>
16                 <th>Room 1</th>
17                 <th>Room 2</th>
18                 <th>Room 3</th>
19                 <th>Room 4</th>
20             </tr>
21             <tr>
22                 <td rowspan="3">9:00 AM - 10:00 AM</td>
23                 <td rowspan="2">Keynote</td>
24                 <td>Session A</td>
25                 <td>Session B</td>
26                 <td rowspan="3">Session C</td>
27             </tr>
28             <tr>
29                 <td>Session D</td>
30                 <td>Session E</td>
31             </tr>
32             <tr>
33                 <td>10:30 AM - 11:30AM</td>
34                 <td colspan="2">Session F</td>
35             </tr>
36             <tr>
37                 <td>12:00PM - 1:00PM</td>
38                 <td colspan="4">Lunch Break</td>
39             </tr>
40             <tr>
41                 <td rowspan="2">1:00PM - 2:00 PM</td>
42                 <td>Session G</td>
43                 <td rowspan="2">Session H</td>
44                 <td>Session I</td>
45                 <td>Session J</td>
46             </tr>
47             <tr>
48                 <td>Session K</td>
49                 <td>Session L</td>
50                 <td>Session M</td>
51             </tr>
52         </table>
53     </div>
54 </body>

```