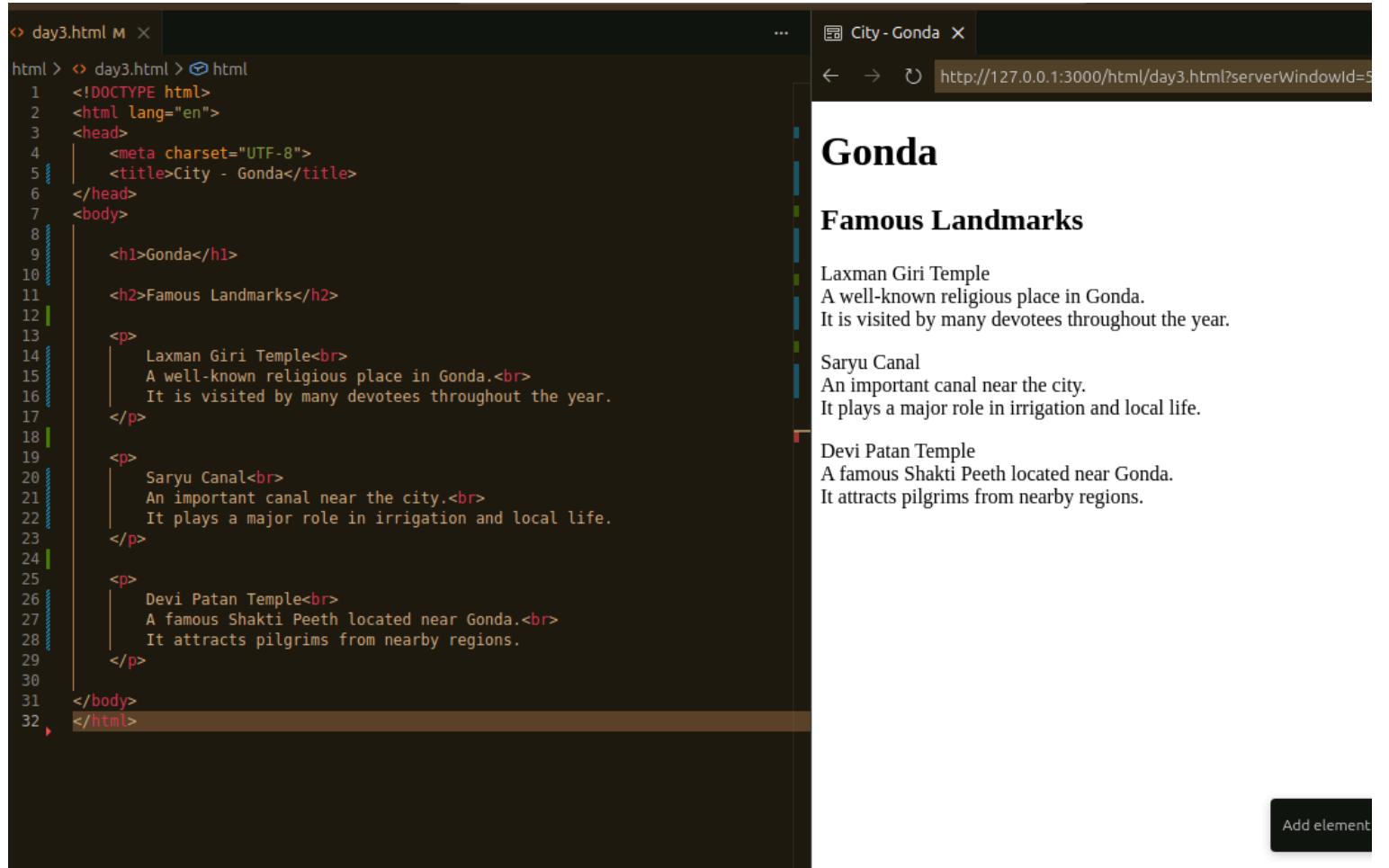


Program 3. Create city.html. Use `<h1>` for the city name, `<h2>` for its famous landmarks, and `paragraphs(<p>)` to describe them, using `
` for line breaks where appropriate.



The screenshot shows a code editor on the left and a browser window on the right. The code editor displays the HTML file 'day3.html' with line numbers from 1 to 32. The browser window shows the rendered page titled 'City - Gonda' at the URL 'http://127.0.0.1:3000/html/day3.html?serverWindowId=5'. The page content includes an

Gonda

, an

Famous Landmarks

, and three

elements describing landmarks: Laxman Giri Temple, Saryu Canal, and Devi Patan Temple.

```
html >  day3.html > html
1   <!DOCTYPE html>
2   <html lang="en">
3     <head>
4       <meta charset="UTF-8">
5       <title>City - Gonda</title>
6     </head>
7     <body>
8       <h1>Gonda</h1>
9       <h2>Famous Landmarks</h2>
10      <p>
11        Laxman Giri Temple<br>
12        A well-known religious place in Gonda.<br>
13        It is visited by many devotees throughout the year.
14      </p>
15      <p>
16        Saryu Canal<br>
17        An important canal near the city.<br>
18        It plays a major role in irrigation and local life.
19      </p>
20      <p>
21        Devi Patan Temple<br>
22        A famous Shakti Peeth located near Gonda.<br>
23        It attracts pilgrims from nearby regions.
24      </p>
25    </body>
26  </html>
```

Gonda

Famous Landmarks

Laxman Giri Temple
A well-known religious place in Gonda.
It is visited by many devotees throughout the year.

Saryu Canal
An important canal near the city.
It plays a major role in irrigation and local life.

Devi Patan Temple
A famous Shakti Peeth located near Gonda.
It attracts pilgrims from nearby regions.

Add element

Program 4. Create an HTML page to insert horizontal rules.

The image shows a split-screen interface. On the left is a code editor window titled "day4.html" with the following content:

```
html > day4.html > body
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  |   <meta charset="UTF-8">
5  |   <title>Horizontal Rules</title>
6  </head>
7  <body>
8
9      <h1>HTML Horizontal Rule Example</h1>
10     <p>This is the first section of the page.</p>
11
12     <hr>
13     <p>This is the second section separated by a horizontal rule.</p>
14
15     <hr>
16
17     <p>This is the third section.</p>
18
19 </body>
20 </html>
```

On the right is a browser window titled "Horizontal Rules" with the URL <http://127.0.0.1:3000/html/day4.html?serverWindowId=17608443-276b-47bb-a19d-5>. The browser displays the following content:

HTML Horizontal Rule Example

This is the first section of the page.

This is the second section separated by a horizontal rule.

This is the third section.

Program 5. Create a new HTML file and add comments explaining the purpose of each main tag (head, body, title).

The screenshot shows a code editor on the left and a browser window on the right. The code editor displays the file 'day5.html' with the following content:

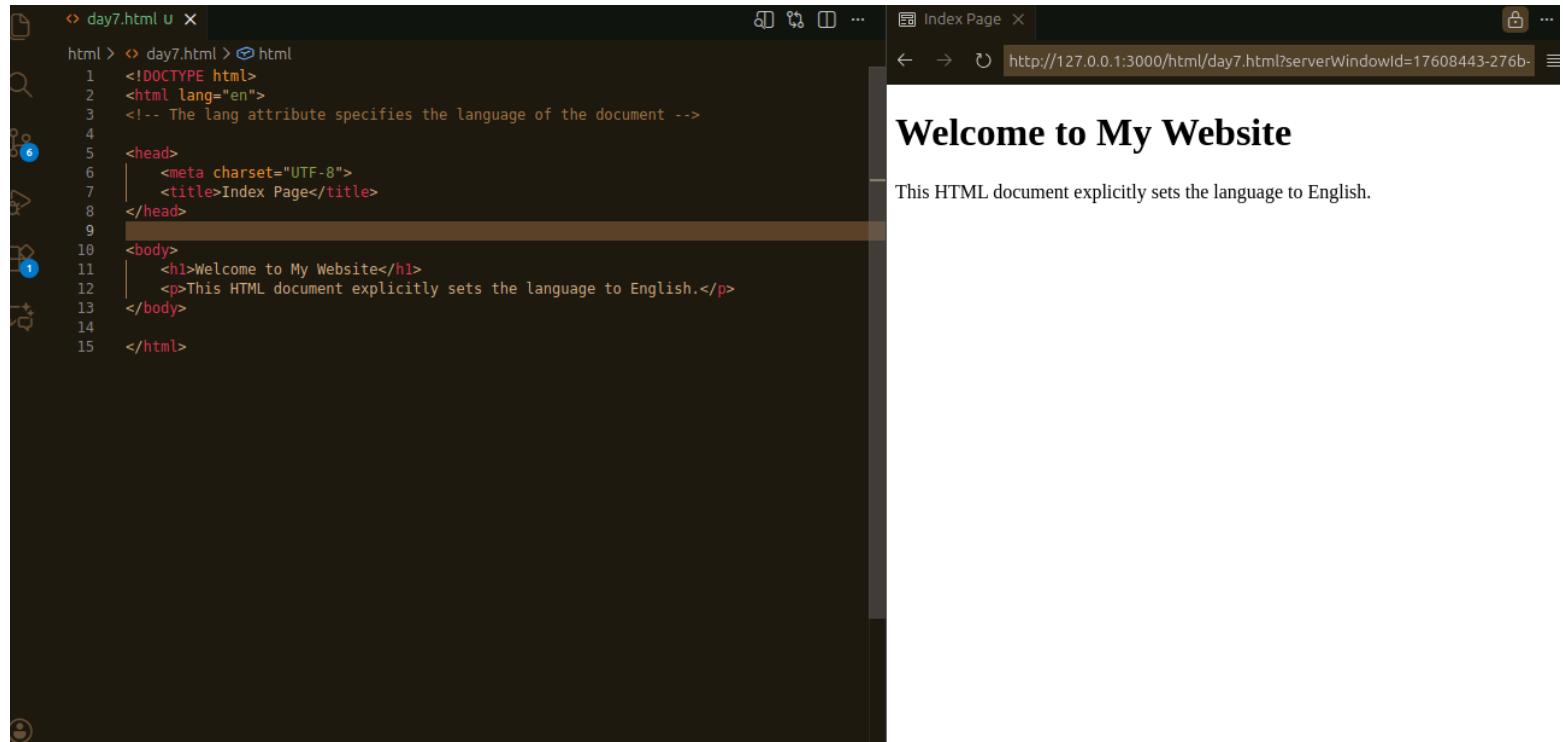
```
html > day5.html > html > head
1  <!DOCTYPE html>
2  <!-- Declares the document type and version of HTML -->
3  <html lang="en">
4
5  <head>
6      <!-- The head section contains metadata and information
7          about the document -->
8
9      <meta charset="UTF-8">
10     <!-- Specifies the character encoding for the HTML document -->
11
12      <title>HTML Comments Example</title>
13      <!-- The title tag sets the title shown on the browser tab -->
14
15
16  <body>
17      <!-- The body tag contains all the visible content of the web page -->
18
19      <h1>HTML Main Tags</h1>
20      <p>This page demonstrates comments explaining HTML tags.</p>
21
22  </body>
23 </html>
```

The browser window on the right is titled 'HTML Comments Example' and shows the rendered HTML. The title bar includes the URL <http://127.0.0.1:3000/html/day5.html?serverWindowId=17608443-276b>. The page content is:

HTML Main Tags

This page demonstrates comments explaining HTML tags.

Program 7. In your index.html file, explicitly set the language of the document using the lang attribute
(e.g., <html lang="en">)



The screenshot shows a code editor on the left and a browser window on the right. The code editor displays the following HTML file:

```
day7.html
1  <!DOCTYPE html>
2  <html lang="en">
3  <!-- The lang attribute specifies the language of the document -->
4
5  <head>
6  |   <meta charset="UTF-8">
7  |   <title>Index Page</title>
8  </head>
9
10 <body>
11 |   <h1>Welcome to My Website</h1>
12 |   <p>This HTML document explicitly sets the language to English.</p>
13 </body>
14
15 </html>
```

The browser window shows the rendered page with the title "Index Page" and the content "Welcome to My Website" followed by the explanatory text "This HTML document explicitly sets the language to English.".

Program 8. Create coming-soon.html with an <h1> “Website Under Construction” and a simple paragraph with a “Coming Soon!” message.

The screenshot shows a code editor on the left and a browser window on the right. The code editor displays the HTML file 'day8.html' with the following content:

```
html > day8.html > html > body > h1
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  |   <meta charset="UTF-8">
5  |   <title>Coming Soon</title>
6  </head>
7  <body>
8  |   <h1>Website Under Construction</h1>
9  |   <p>Our website is currently being developed. Coming Soon!</p>
10 </body>
11 </html>
```

The browser window shows the rendered HTML with the title "Coming Soon" and the content "Website Under Construction" and "Our website is currently being developed. Coming Soon!".

Program 12. Create a list inside another list.

The screenshot shows a code editor on the left and a browser window on the right. The code editor displays the HTML file 'day12.html' with the following content:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>Nested List</title>
6 </head>
7 <body>
8
9   <h1>Nested List Example</h1>
10
11  <ul>
12    <li>Fruits
13      <ul>
14        <li>Apple</li>
15        <li>Banana</li>
16        <li>Orange</li>
17      </ul>
18    </li>
19    <li>Vegetables
20      <ul>
21        <li>Carrot</li>
22        <li>Potato</li>
23        <li>Spinach</li>
24      </ul>
25    </li>
26  </ul>
27
28 </body>
29 </html>
```

The browser window title is 'Nested List' and the URL is 'http://127.0.0.1:3000/html/day12.html?serverWindowId=17608443-2761'. The page content is titled 'Nested List Example' and contains the following nested list:

- Fruits
 - Apple
 - Banana
 - Orange
- Vegetables
 - Carrot
 - Potato
 - Spinach

Program 13. Create a definition list for at least five web development terms (HTML, CSS, JavaScript, Server, Browser).

The screenshot shows a browser window with two tabs. The left tab is titled "day13.html" and contains the source code for a definition list. The right tab is titled "Definition List" and displays the rendered content of the page.

Source Code (day13.html):

```
html >  day13.html > html
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  |   <meta charset="UTF-8">
5  |   <title>Definition List</title>
6  </head>
7  <body>
8
9      <h1>Web Development Terms</h1>
10
11     <dl>
12         <dt>HTML</dt>
13         <dd>HyperText Markup Language used to structure web pages.</dd>
14
15         <dt>CSS</dt>
16         <dd>Cascading Style Sheets used to style and layout web pages.</dd>
17
18         <dt>JavaScript</dt>
19         <dd>A programming language used to add interactivity to websites.</dd>
20
21         <dt>Server</dt>
22         <dd>A computer or system that provides resources or services to clients.</dd>
23
24         <dt>Browser</dt>
25         <dd>Software used to access and view websites on the internet.</dd>
26
27     </dl>
28
29 </body>
</html>
```

Browser Preview (Definition List):

Web Development Terms

HTML HyperText Markup Language used to structure web pages.
CSS Cascading Style Sheets used to style and layout web pages.
JavaScript A programming language used to add interactivity to websites.
Server A computer or system that provides resources or services to clients.
Browser Software used to access and view websites on the internet.

Program 14. Create a table with 3 rows and 3 columns.

The screenshot shows a code editor on the left and a browser window on the right. The code editor displays the HTML code for a 3x3 table, and the browser shows the resulting table structure.

Code Editor (day14.html):

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>3x3 Table</title>
</head>
<body>
    <h1>Simple 3x3 Table</h1>
    <table border="1">
        <tr>
            <td>Row 1, Col 1</td>
            <td>Row 1, Col 2</td>
            <td>Row 1, Col 3</td>
        </tr>
        <tr>
            <td>Row 2, Col 1</td>
            <td>Row 2, Col 2</td>
            <td>Row 2, Col 3</td>
        </tr>
        <tr>
            <td>Row 3, Col 1</td>
            <td>Row 3, Col 2</td>
            <td>Row 3, Col 3</td>
        </tr>
    </table>
</body>
</html>
```

Browser (3x3 Table):

Simple 3x3 Table

| | | |
|--------------|--------------|--------------|
| Row 1, Col 1 | Row 1, Col 2 | Row 1, Col 3 |
| Row 2, Col 1 | Row 2, Col 2 | Row 2, Col 3 |
| Row 3, Col 1 | Row 3, Col 2 | Row 3, Col 3 |

Program 15. Create a table named Student Grade with <thead> for headers (Name, Subject, Grade) and <tbody> for at least three student records.

The screenshot shows a code editor on the left and a browser window on the right. The code editor displays the HTML code for a 'Student Grade' table, including the head and body sections. The browser window shows the resulting 'Student Grade' page with a table containing three student records: Aarav (Mathematics, A), Diya (Science, B+), and Rahul (English, A-).

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Student Grade Table</title>
</head>
<body>
    <h1>Student Grade</h1>
    <table border="1">
        <thead>
            <tr>
                <th>Name</th>
                <th>Subject</th>
                <th>Grade</th>
            </tr>
        </thead>
        <tbody>
            <tr>
                <td>Aarav</td>
                <td>Mathematics</td>
                <td>A</td>
            </tr>
            <tr>
                <td>Diya</td>
                <td>Science</td>
                <td>B+</td>
            </tr>
            <tr>
                <td>Rahul</td>
                <td>English</td>
                <td>A-</td>
            </tr>
        </tbody>
    </table>
</body>
</html>
```

| Name | Subject | Grade |
|-------|-------------|-------|
| Aarav | Mathematics | A |
| Diya | Science | B+ |
| Rahul | English | A- |

Program 16. Design a table for a simple product catalog with columns: Product Name, Price, Stock (using `<th>` and `<td>` tags).

The screenshot shows a code editor on the left and a browser window on the right. The code editor displays the HTML file 'day16.html' with line numbers. The browser window shows the resulting 'Product Catalog' page with three items: Laptop, Smartphone, and Headphones, each with its price and stock level.

```
day16.html
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <title>Product Catalog</title>
6  </head>
7  <body>
8
9      <h1>Product Catalog</h1>
10
11     <table border="1">
12         <tr>
13             <th>Product Name</th>
14             <th>Price</th>
15             <th>Stock</th>
16         </tr>
17         <tr>
18             <td>Laptop</td>
19             <td>₹60,000</td>
20             <td>15</td>
21         </tr>
22         <tr>
23             <td>Smartphone</td>
24             <td>₹25,000</td>
25             <td>30</td>
26         </tr>
27         <tr>
28             <td>Headphones</td>
29             <td>₹2,000</td>
30             <td>50</td>
31         </tr>
32     </table>
33
34 </body>
35 </html>
```

| Product Name | Price | Stock |
|--------------|---------|-------|
| Laptop | ₹60,000 | 15 |
| Smartphone | ₹25,000 | 30 |
| Headphones | ₹2,000 | 50 |

Program 17. Create a table with rowspan and colspan property.

The screenshot shows a browser window titled "Rowspan and Colspan Table" displaying the output of the HTML code. The page has a header "Table Using Rowspan and Colspan". The table has a border and consists of two rows. The first row contains two columns: "Day" and "Schedule". The second row contains two columns: "Morning" and "Evening". The "Day" column spans two rows. The "Morning" and "Evening" columns span two columns each. The table data is as follows:

| Day | Schedule |
|---------|-------------------------------|
| Monday | Morning Evening |
| Tuesday | Math Science English Computer |

The browser interface includes a left sidebar with code snippets, a top navigation bar with icons, and a bottom right corner with a message input field.

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Rowspan and Colspan Table</title>
</head>
<body>
    <h1>Table Using Rowspan and Colspan</h1>
    <table border="1">
        <tr>
            <th rowspan="2">Day</th>
            <th colspan="2">Schedule</th>
        </tr>
        <tr>
            <th>Morning</th>
            <th>Evening</th>
        </tr>
        <tr>
            <td>Monday</td>
            <td>Math</td>
            <td>Science</td>
        </tr>
        <tr>
            <td>Tuesday</td>
            <td>English</td>
            <td>Computer</td>
        </tr>
    </table>
</body>
</html>
```

Program 18. Create a web page that provide a basic frame layout.

The screenshot shows a browser window with two frames. The left frame is a code editor displaying the HTML source code for a file named "right.html". The right frame is a web page titled "Basic Frame Layout" showing the rendered content of the frame.

Code (left frame):

```
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    i am find dude, there is nothing wrong! wbuuu!!
</body>
</html>
```

Content (right frame):

hi how are u?
how are uuuu!!!

i am find dude, there is nothing wrong! wbuuu!!

At the bottom right of the browser window, there is a toolbar with the following items:

- Add element to chat
- Start | v
- ?
- >