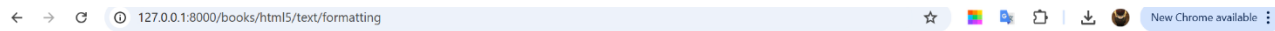


Lab Activities:

Task 2:



127.0.0.1:8000/books/html5/text/formatting

Example of Formatting tags

This text has **subtext** using b tag

This text has **subtext** using strong tag

This text has *subtext* using i tag

This text has *subtext* using emphasize tag

This text has subtext using small tag

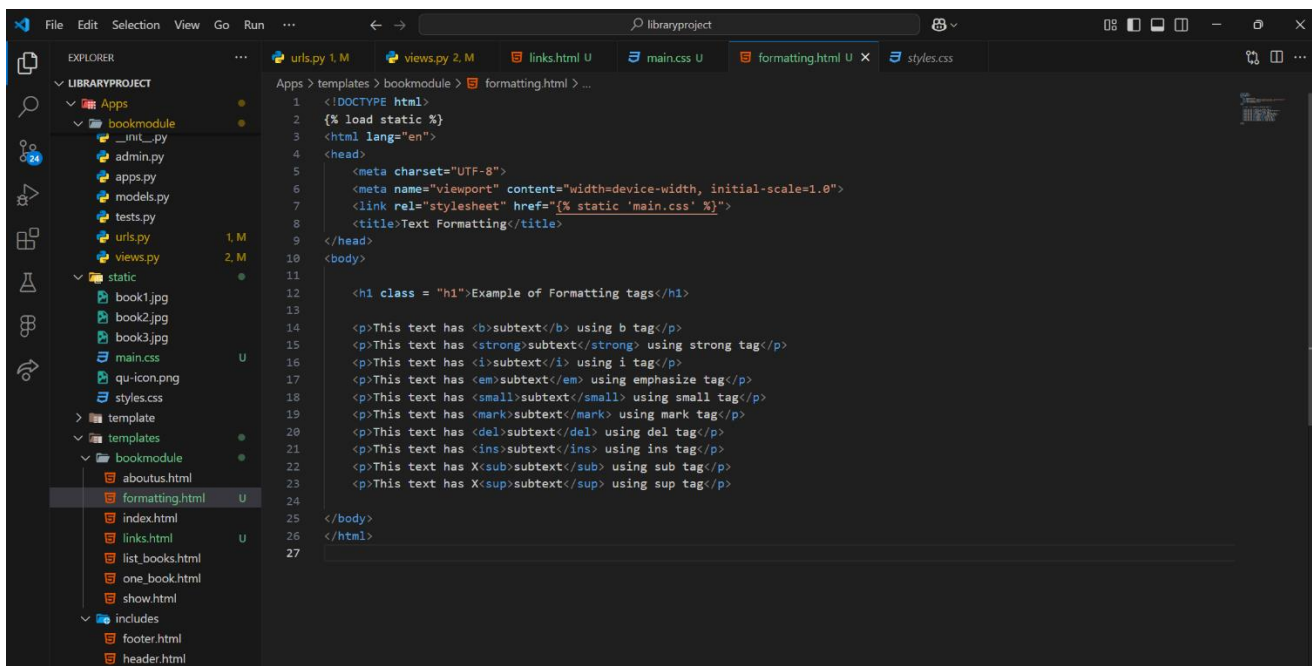
This text has **subtext** using mark tag

This text has ~~subtext~~ using del tag

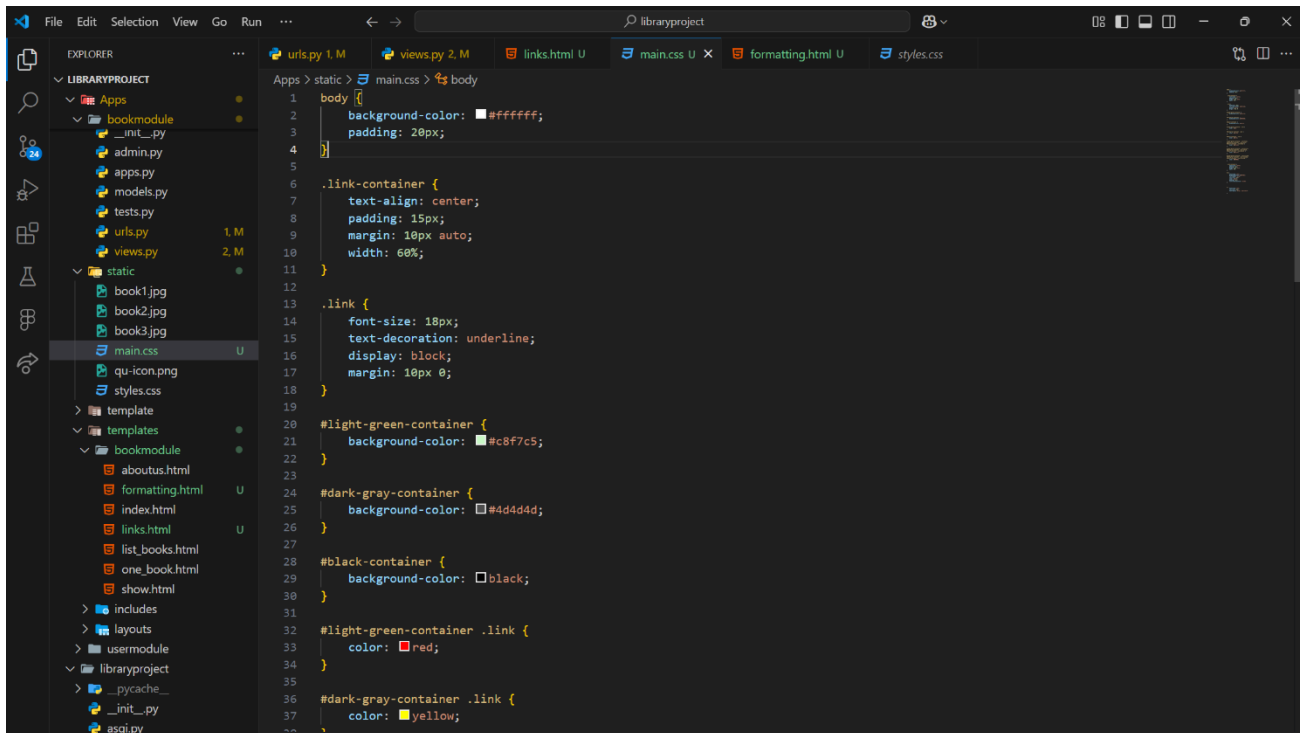
This text has subtext using ins tag

This text has X_{subtext} using sub tag

This text has X^{subtext} using sup tag



```
1 <!DOCTYPE html>
2 {% load static %}
3 <html lang="en">
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <link rel="stylesheet" href="{% static 'main.css' %}">
8   <title>Text Formatting</title>
9 </head>
10 <body>
11
12   <h1 class = "h1">Example of Formatting tags</h1>
13
14   <p>This text has <b>subtext</b> using b tag</p>
15   <p>This text has <strong>subtext</strong> using strong tag</p>
16   <p>This text has <i>subtext</i> using i tag</p>
17   <p>This text has <em>subtext</em> using emphasize tag</p>
18   <p>This text has <small>subtext</small> using small tag</p>
19   <p>This text has <mark>subtext</mark> using mark tag</p>
20   <p>This text has <del>subtext</del> using del tag</p>
21   <p>This text has <ins>subtext</ins> using ins tag</p>
22   <p>This text has X<sub>subtext</sub> using sub tag</p>
23   <p>This text has X<sup>subtext</sup> using sup tag</p>
24
25 </body>
26 </html>
```

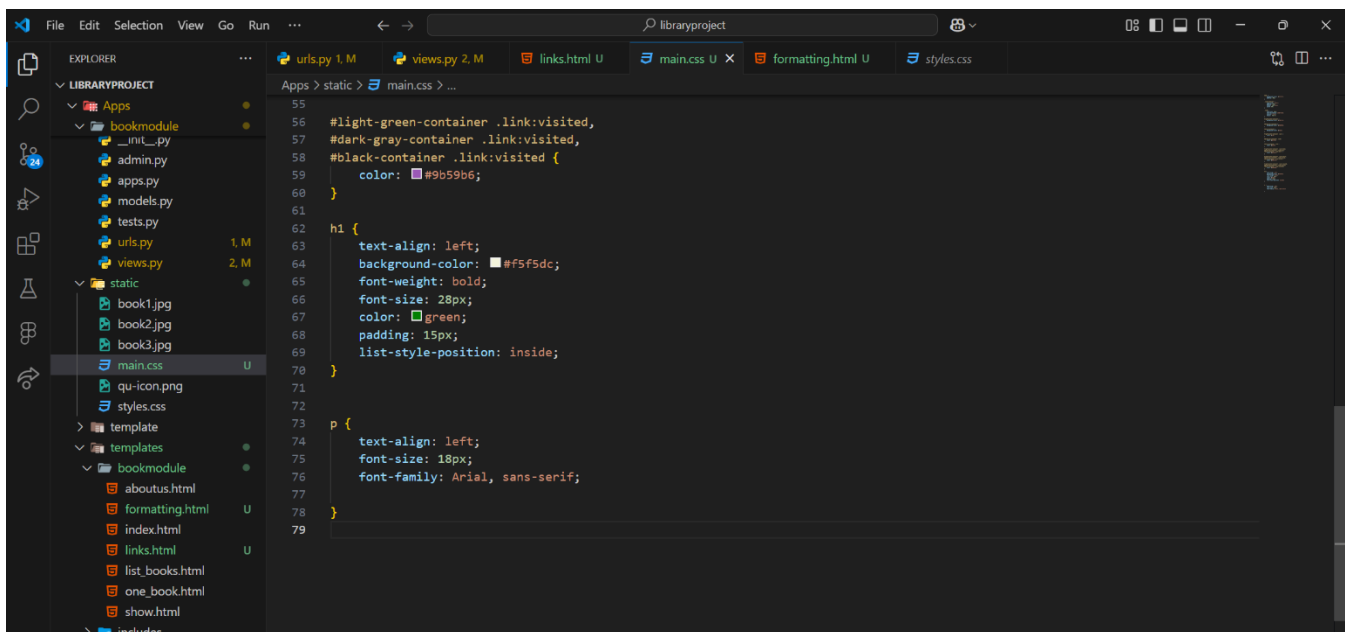


The screenshot shows the Visual Studio Code editor with a project named 'libraryproject'. The Explorer sidebar on the left shows the file structure, including folders like 'bookmodule', 'static', and 'template'. The main editor window displays the 'main.css' file with the following CSS code:

```

1  body {
2      background-color: #ffffff;
3      padding: 20px;
4  }
5
6  .link-container {
7      text-align: center;
8      padding: 15px;
9      margin: 10px auto;
10     width: 60%;
11 }
12
13 .link {
14     font-size: 18px;
15     text-decoration: underline;
16     display: block;
17     margin: 10px 0;
18 }
19
20 #light-green-container {
21     background-color: #c8f7c5;
22 }
23
24 #dark-gray-container {
25     background-color: #4d4d4d;
26 }
27
28 #black-container {
29     background-color: black;
30 }
31
32 #light-green-container .link {
33     color: red;
34 }
35
36 #dark-gray-container .link {
37     color: yellow;
38 }

```



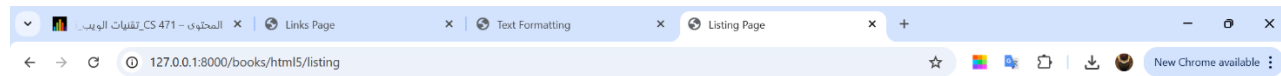
The screenshot shows the Visual Studio Code editor with the same 'libraryproject'. The main editor window displays the 'main.css' file with the following CSS code:

```

55
56 #light-green-container .link:visited,
57 #dark-gray-container .link:visited,
58 #black-container .link:visited {
59     color: #9b59b6;
60 }
61
62 h1 {
63     text-align: left;
64     background-color: #f5f5dc;
65     font-weight: bold;
66     font-size: 28px;
67     color: green;
68     padding: 15px;
69     list-style-position: inside;
70 }
71
72
73 p {
74     text-align: left;
75     font-size: 18px;
76     font-family: Arial, sans-serif;
77 }
78
79

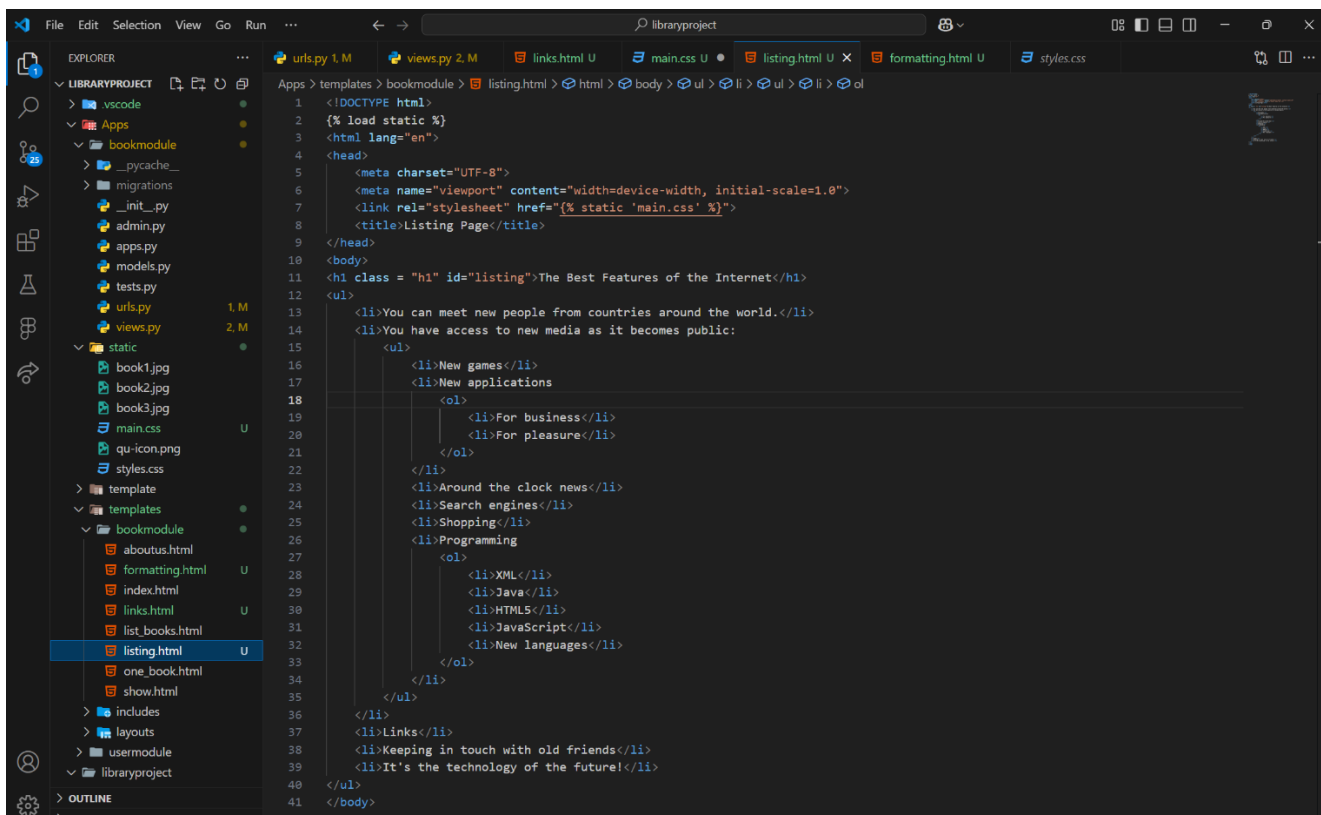
```

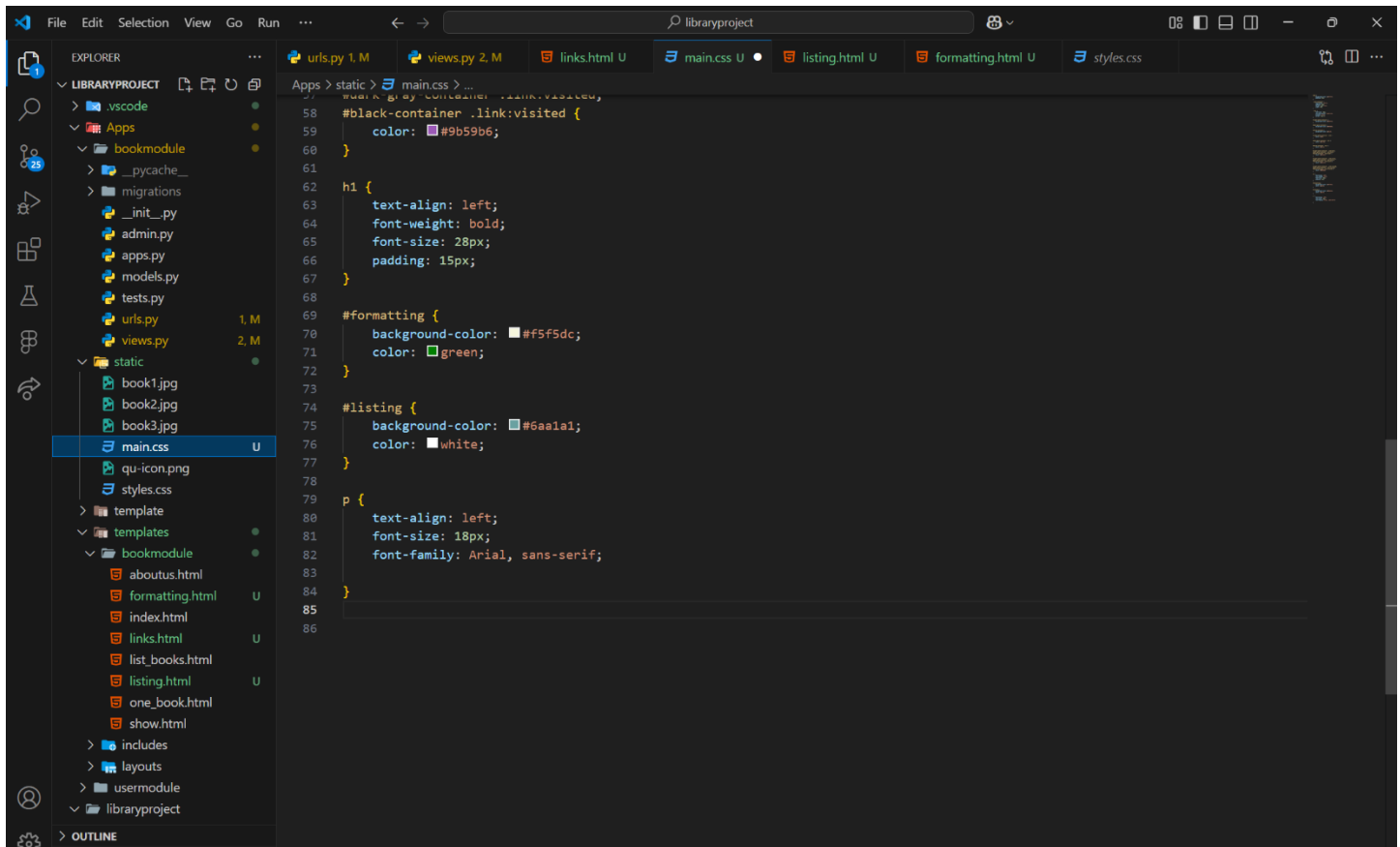
Task 3:



The Best Features of the Internet

- You can meet new people from countries around the world.
- You have access to new media as it becomes public:
 - New games
 - New applications
 1. For business
 2. For pleasure
 - Around the clock news
 - Search engines
 - Shopping
 - Programming
 1. XML
 2. Java
 3. HTML5
 4. JavaScript
 5. New languages
- Links
- Keeping in touch with old friends
- It's the technology of the future!





Task 4:

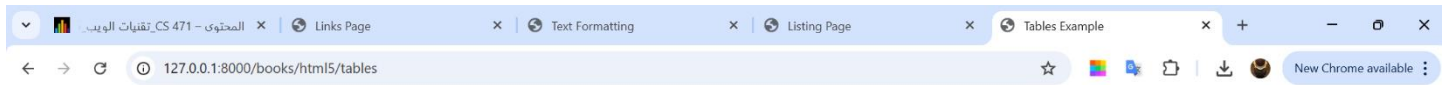



Table 1: Table
of Fruits and
Their Prices

Fruit	Price
Apple	\$0.25
Orange	\$0.50
Banana	\$1.00
Pineapple	\$2.00
Total	\$3.75

Table 2: A more complex sample table

	Camelid comparison Approximate as of 6/2011			
	# of humps	Indigenous region	Spits?	Produces wool?
Dromedary	1	Arabian Peninsula	Yes	Yes
Camels (bactrian)	2	Africa/Asia	Yes	Yes
Llamas	1	Andes Mountains	Yes	Yes

```

File Edit Selection View Go Run ... libraryproject
EXPLORER
LIBRARYPROJECT
  Apps
  bookmodule
    admin.py
    apps.py
    models.py
    tests.py
    urls.py 1 M
    views.py 2 M
  static
    book1.jpg
    book2.jpg
    book3.jpg
    desert.jpg
    main.css
    qu-icon.png
    styles.css
  template
  templates
    bookmodule
      aboutus.html
      formatting.html
      index.html
      links.html
      list_books.html
      listing.html
      one_book.html
      show.html
      tables.html U
    includes
    layouts
    usermodule
  libraryproject
  __pycache__
  __init__.py
  asini.ru
OUTLINE
TIMELINE

App: templates > bookmodule > tables.html > html > body
1  {% load static %}
2  <!DOCTYPE html>
3  <html lang="en">
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Tables Example</title>
8      <link rel="stylesheet" href="{% static 'main.css' %}">
9  </head>
10 <body>
11
12 <table class="simple-table">
13 <caption>Table 1: Table of Fruits and Their Prices</caption>
14 <thead>
15 <tr>
16 <th>Fruit</th>
17 <th>Price</th>
18 </tr>
19 </thead>
20 <tbody>
21 <tr>
22 <td>Apple</td>
23 <td>$0.25</td>
24 </tr>
25 <tr>
26 <td>Orange</td>
27 <td>$0.50</td>
28 </tr>
29 <tr>
30 <td>Banana</td>
31 <td>$1.00</td>
32 </tr>
33 <tr>
34 <td>Pineapple</td>
35 <td>$2.00</td>
36 </tr>
37 <tr>
38 <td><strong>Total</strong></td>
39 <td><strong>$3.75</strong></td>
40 </tr>
41 </tbody>
42 </table>

```

```

File Edit Selection View Go Run ... libraryproject
EXPLORER
LIBRARYPROJECT
  Apps
  bookmodule
    admin.py
    apps.py
    models.py
    tests.py
    urls.py 1 M
    views.py 2 M
  static
    book1.jpg
    book2.jpg
    book3.jpg
    desert.jpg
    main.css
    qu-icon.png
    styles.css
  template
  templates
    bookmodule
      aboutus.html
      formatting.html
      index.html
      links.html
      list_books.html
      listing.html
      one_book.html
      show.html
      tables.html U
    includes
    layouts
    usermodule
  libraryproject
  __pycache__
  __init__.py
  asini.ru
OUTLINE
TIMELINE

App: templates > bookmodule > tables.html > html > body
3  <html lang="en">
10 <body>
44 <table class="complex-table">
45 <caption>Table 2: A more complex sample table</caption>
46 <tr>
47 <td rowspan="2">
48 
49 </td>
50 <td colspan="4">
51 Camelid comparison<br>
52 Approximate as of 6/2011
53 </td>
54 </tr>
55 <tr>
56 <th># of humps</th>
57 <th>Indigenous region</th>
58 <th>Spits?</th>
59 <th>Produces wool?</th>
60 </tr>
61 <tr>
62 <td>Dromedary</td>
63 <td>1</td>
64 <td>Arabian Peninsula</td>
65 <td>Yes</td>
66 <td>Yes</td>
67 </tr>
68 <tr>
69 <td>Camels (bactrian)</td>
70 <td>2</td>
71 <td>Africa/Asia</td>
72 <td>Yes</td>
73 <td>Yes</td>
74 </tr>
75 <tr>
76 <td>Llamas</td>
77 <td>1</td>
78 <td>Andes Mountains</td>
79 <td>Yes</td>
80 <td>Yes</td>
81 </tr>
82 </table>
83 </body>

```

```

87  table {
88      border-collapse: collapse;
89      margin: 20px auto;
90  }
91
92  .simple-table {
93      width: auto;
94      border: 3px double black;
95  }
96
97  .simple-table caption {
98      font-weight: bold;
99      font-size: 16px;
100 }
101
102 .simple-table th {
103     font-weight: bold;
104     text-align: center;
105 }
106
107 .simple-table tr:last-child td {
108     font-weight: bold;
109 }
110
111 .simple-table th,
112 .simple-table td {
113     border: 3px double black;
114     text-align: center;
115 }
116
117 .complex-table th,
118 .complex-table td {
119     border: 1px solid black;
120     padding: 5px 15px;
121     text-align: center;
122 }
123
124 .complex-table td[colspan="4"] {
125     text-align: center;
126     font-size: 16px;
127     font-weight: bold;
128 }

```

```

128
129 .complex-table td[rowspan="2"] {
130     width: 200px;
131     height: auto;
132 }
133
134 .complex-table img {
135     width: 100%;
136 }
137
138 .complex-table tr:nth-child(3) td:first-child,
139 .complex-table tr:nth-child(4) td:first-child,
140 .complex-table tr:nth-child(5) td:first-child {
141     font-weight: bold;
142 }

```