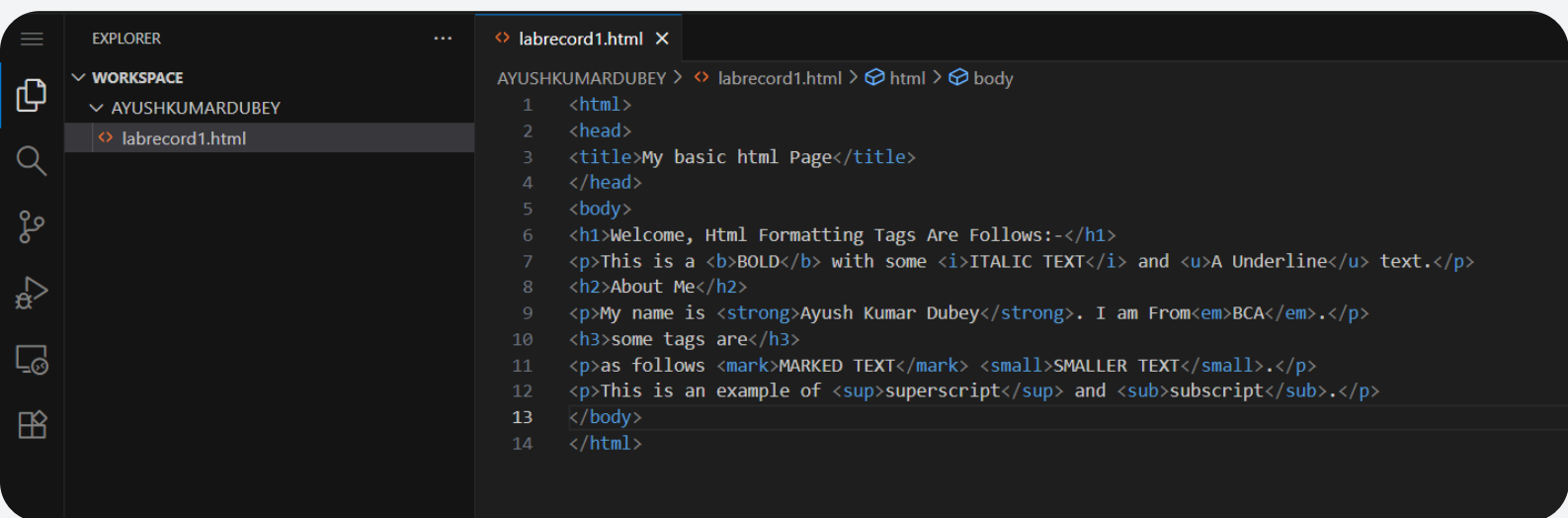


LAB RECORD

Q.No.1 Create a basic HTML web page using headings, paragraphs, and text formatting tags

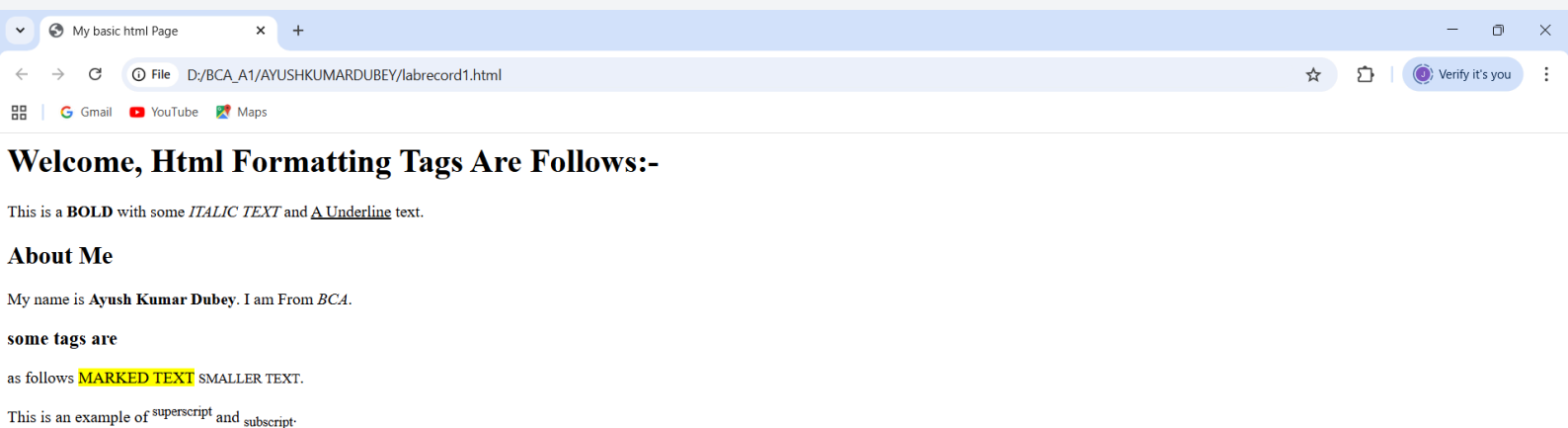


```

1  <html>
2  <head>
3  <title>My basic html Page</title>
4  </head>
5  <body>
6  <h1>Welcome, Html Formatting Tags Are Follows:-</h1>
7  <p>This is a <b>BOLD</b> with some <i>ITALIC TEXT</i> and <u>A Underline</u> text.</p>
8  <h2>About Me</h2>
9  <p>My name is <strong>Ayush Kumar Dubey</strong>. I am From<em>BCA</em>.</p>
10 <h3>some tags are</h3>
11 <p>as follows <mark>MARKED TEXT</mark> <small>SMALLER TEXT</small>.</p>
12 <p>This is an example of <sup>superscript</sup> and <sub>subscript</sub>.</p>
13 </body>
14 </html>
  
```

** - Bold text - Important text <i> - Italic text - Emphasized text**

<ins> - Inserted text <sub> - Subscript text <sup> - Superscript text



<mark> - Marked text <small> - Smaller text

** - Deleted text**

Q.No.2 Design a webpage demonstrating HTML links, images, and lists (ordered, unordered, nested)

The screenshot shows the VS Code editor with the file 'labrecord1.html' open. The code is as follows:

```

1 <html>
2 <head>
3 <title>webpage</title>
4 </head>
5 <body>
6 <h1>Welcome,</h1>
7 <center><h2>Sample link</h2></center>
8 <center><p>Click here to visit <a href="https://runqta.ac.in/" target="_blank">RUNGTA INTERNATIONAL SKILLS UNIVERSITY</a>.</p></center>
9 <center><h2>Sample Image</h2></center>
10 <center>
11 
12 </center>
13 <h2>Example of, (Unordered List)</h2>
14 <ul>
15 <li>HTML</li>
16 <li>CSS</li>
17 <li>LAN. C</li>
18 </ul>
19 <h2>Example of, (Ordered List)</h2>
20 <ol>
21 <li>take pen</li>
22 <li>arrange resources</li>
23 <li>read them</li>
24 <li>jot down it!</li>
25 </ol>
26 <h2>Subjects I Study</h2>
27 <ul>
28 <li>Computer Science
29 <ol>
30 <li>IMI</li>
31 <li>C.P</li>
32 <li>PFC</li>
33 </ol>
34 </li>
35 <li>Mathematics</li>
36 <li>CDQ</li>
37 </ul>
38 </body>
39 </html>

```

<a> tag for link tag for image Basic HTML setup

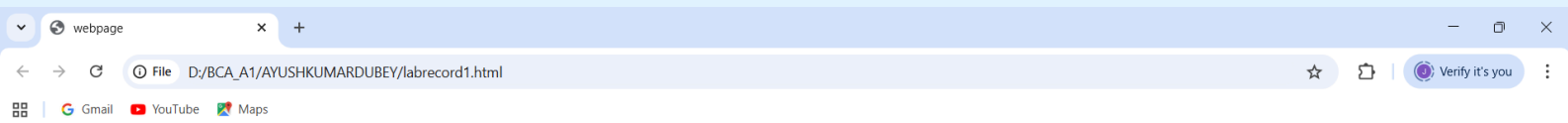
The screenshot shows the VS Code editor with the file 'labrecord1.html' open. The code is as follows:

```

1 <html>
2 <body>
3 <h2>Example of, (Unordered List)</h2>
4 <ul>
5 <li>HTML</li>
6 <li>CSS</li>
7 <li>LAN. C</li>
8 </ul>
9 <h2>Example of, (Ordered List)</h2>
10 <ol>
11 <li>take pen</li>
12 <li>arrange resources</li>
13 <li>read them</li>
14 <li>jot down it!</li>
15 </ol>
16 <h2>Subjects I Study</h2>
17 <ul>
18 <li>Computer Science
19 <ol>
20 <li>IMI</li>
21 <li>C.P</li>
22 <li>PFC</li>
23 </ol>
24 </li>
25 <li>Mathematics</li>
26 <li>CDQ</li>
27 </ul>
28 </body>
29 </html>

```

** and for ordered/unordered lists
Nested inside **



Welcome,

Sample link

Click here to visit [RUNGTA INTERNATIONAL SKILLS UNIVERSITY](#).

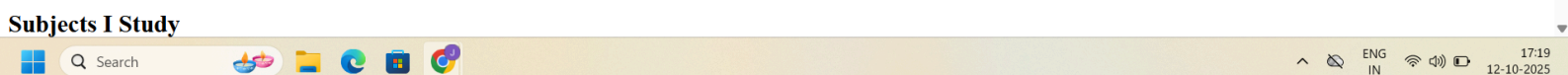
Sample Image

Example of, (Unordered List)

- HTML
- CSS
- LAN. C

Example of, (Ordered List)

1. take pen
2. arrange resources
3. read them
4. jot down it!



Here is output showcasing HTML links, images,



Sample Image

Example of, (Unordered List)

- HTML
- CSS
- LAN. C

Example of, (Ordered List)

1. take pen
2. arrange resources
3. read them
4. jot down it!

Subjects I Study

- Computer Science
 1. IWI
 2. C.P
 3. PFC
- Mathematics
- CDC

lists (ordered, unordered, nested)

Q.No.3 Create a table-based layout with merged cells, alignment, and caption using HTML

4

```
WORKSPACE
AYUSHKUMARDUBEY
labrecord1.html

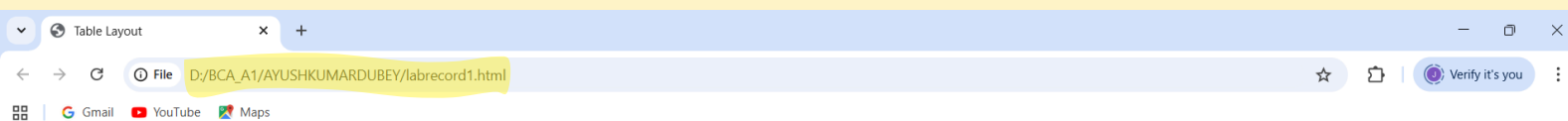
AYUSHKUMARDUBEY > labrecord1.html > html > body > table > tr > td
1 <html>
2 <head>
3 <title>Table Layout</title>
4 </head>
5 <body>
6 <table border="1" cellpadding="10" cellspacing="0" align="center">
7 <caption><strong>Student Timetable</strong></caption>
8 <tr>
9 <th rowspan="2">Day</th>
10 <th colspan="7">Subjects</th>
11 </tr>
12 <tr>
13 <th>9 AM - 10 AM</th>
14 <th>10 AM - 11 AM</th>
15 <th>11 AM - 12 PM</th>
16 <th>12 PM - 1 PM</th>
17 <th>1 PM - 2 PM</th>
18 <th>2 PM - 3 PM</th>
19 <th>3 PM - 4 PM</th>
20 </tr>
21 <tr>
22 <td align="center">Monday</td>
23 <td align="center">Math</td>
24 <td align="center">IWI</td>
25 <td align="center">PFC</td>
26 <td align="center">NALS</td>
27 <td align="center">LUNCH</td>
28 <td align="center">LAB</td>
29 <td align="center">C.P</td>
```

```
labrecord1.html X
AYUSHKUMARDUBEY > labrecord1.html > html > body > table > tr > td
1 <html>
5 <body>
6 <table border="1" cellpadding="10" cellspacing="0" align="center">
21 <tr>
29 <td align="center">C.P</td>
30 </tr>
31 <tr>
32 <td align="center">Tuesday</td>
33 <td colspan="2" align="center">IWI</td>
34 <td align="center">PFC</td>
35 <td align="center">CDC</td>
36 <td align="center">LUNCH</td>
37 <td colspan="2" align="center">CDC</td>
38 </tr>
39 <tr>
40 <td align="center">Wednesday</td>
41 <td align="center">Math</td>
42 <td align="center">CP</td>
43 <td colspan="2" align="center">Computer Lab</td>
44 <td align="center">LUNCH</td>
45 <td align="center">DL</td>
46 <td align="center">C.P</td>
47 </tr>
48 <tr>
49 <td align="center">Thursday</td>
50 <td align="center">CDC</td>
51 <td align="center">IWI</td>
52 <td align="center">C.P</td>
53 <td align="center">Breather</td>
```

```
52 <td align="center">C.P</td>
53 <td align="center">Breather</td>
54 <td align="center">LUNCH</td>
55 <td align="center">NALS</td>
56 <td align="center">PFC</td>
57 </tr>
58 <tr>
59 <td align="center">Friday</td>
60 <td colspan="2" align="center">Computer Lab</td>
61 <td align="center">PFC</td>
62 <td align="center">IWI</td>
63 <td colspan="3" align="center"></td>
64 </tr>
65 <tr>
66 <td align="center">Saturday</td>
67 <td align="center">Math</td>
68 <td align="center">CP</td>
69 <td colspan="5" align="center"></td>
70 </tr>
71 </table>
72 </body>
73 </html>
```

OUTPUT

Table showing merged cells using rowspan and colspan



Student Timetable							
Day	Subjects						
	9 AM - 10 AM	10 AM - 11 AM	11 AM - 12 PM	12 PM - 1 PM	1 PM - 2 PM	2 PM - 3 PM	3 PM - 4 PM
Monday	Math	IWI	PFC	NALS	LUNCH	LAB	C.P
Tuesday	IWI		PFC	CDC	LUNCH	CDC	
Wednesday	Math	CP	Computer Lab		LUNCH	DL	C.P
Thursday	CDC	IWI	C.P	Breather	LUNCH	NALS	PFC
Friday	Computer Lab		PFC	IWI			
Saturday	Math	CP					



Merged cells improve readability by grouping common subjects and time slots using `rowspan` and `colspan` attributes in HTML tables.

Q.No.4 Design a webpage with an HTML form having text input, radio buttons, checkboxes, select menus, and submit/reset buttons

```

1  <html>
2
3  <body>
4  <h2>Registration Form</h2>
5  <form action="#" method="post">
6
7    <label for="name">Name:</label>
8    <input type="text" id="name" name="name"><br><br>
9
10   <label>Gender:</label><br>
11   <input type="radio" name="gender" value="Male"> Male<br>
12   <input type="radio" name="gender" value="Female"> Female<br><br>
13
14   <label>clubs:</label><br>
15   <input type="checkbox" name="clubs" value="DANCEg">RANG<br>
16   <input type="checkbox" name="clubs" value="Traveling">DSR<br>
17   <input type="checkbox" name="hclubs" value="Sports">RUNVIJAY<br><br>
18
19   <label for="subject">Favorite Subject:</label>
20   <select>
21     <option value="HTML">HTML
22     <option value="C">C
23     <option value="C.P">C.P
24   </select><br><br>
25   <input type="submit" value="Submit">
26   <input type="reset" value="Reset">
27 </form>
28 </body>
29 </html>

```

OUTPUT

Club Activity Form

File D:/BCA_A1/AYUSHKUMARDUBEY/labrecord1.html

Registration Form

Name:

Gender:

☐ Male

☐ Female

clubs:

☐ RANG

☐ DSR

☐ RUNVIJAY

Favorite Subject:

Club Activity Form

File D:/BCA_A1/AYUSHKUMARDUBEY/labrecord1.html

Registration Form

Name:

Gender:

☒ Male

☐ Female

clubs:

☒ RANG

☐ DSR

☒ RUNVIJAY

Favorite Subject:

Q.No.5 Use semantic elements (<article>, <section>, <nav>, <aside>, <footer>) to build a structured web page

```

1 <html>
2 <head>
3   <title>structured webpage</title>
4 </head>
5 <body>
6   <header>
7     <h1>structured webpage</h1>
8     <p>A structured webpage made using semantic elements</p>
9   </header>
10  <nav>
11    <p><a href="#">Home</a> | <a href="#">Notes</a> | <a href="#">About Me</a></p>
12  </nav>
13
14  <main>
15
16    <article>
17      <h2>SEMANTIC ELEMENTS</h2>
18
19      <section>
20        <h3>What is semantic elements</h3>
21        <p>semantic elements are elements that clearly describe their meaning to both the browser and the developer. Unlike non-semantic elements, which
22      </section>
23
24      <section>
25        <h3>Why It's Important</h3>
26        <p>Using the right tags can help search engines and people understand your website better.</p>
27      </section>
28    </article>
29
30    <aside>
31      <h4>Extra Info</h4>
32      <p>This is a labrecord</p>
33    </aside>
34  </main>
35  <footer>
36    <p>sumbit on 14/10/2025</p>
37  </footer>
38 </body>
39 </html>
40

```

OUTPUT

