

LAB RECORD

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

```

EXPLORER
...
WORKSPACE
AYUSHKUMARDUBEY
labrecord1.html

labrecord1.html < X
AYUSHKUMARDUBEY > labrecord1.html > html > body
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



Welcome, Html Formatting Tags Are Follows:-

This is a **BOLD** with some *ITALIC TEXT* and A Underline text.

About Me

My name is **Ayush Kumar Dubey**. I am From **BCA**.

some tags are

as follows **MARKED TEXT** **SMALLER TEXT**.

This is an example of **superscript** and **subscript**.

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

**** - Deleted text

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

labrecord1.html - Workspace

```

<html>
<head>
<title>webpage</title>
</head>
<body>
<h1>Welcome,</h1>
<center><h2>Sample link</h2></center>
<center><p>Click here to visit <a href="https://rungta.ac.in/" target="_blank">RUNGTA INTERNATIONAL SKILLS UNIVERSITY</a>.</p></center>
<center><h2>Sample Image</h2></center>

<h2>Example of, (Unordered List)</h2>
<ul>
<li>HTML</li>
<li>CSS</li>
<li>LAN. C</li>
</ul>
<h2>Example of, (Ordered List)</h2>
<ol>
<li>take pen</li>
<li>arrange resources</li>
<li>read them</li>
<li>jot down it!</li>
</ol>
<h2>Subjects I Study</h2>
<ul>
<li>Computer Science
<ol>
<li>IWI</li>
<li>C.P</li>
</ol>
<li>PFC</li>
<li>Mathematics</li>
<li>CDC</li>
</ul>
</body>
</html>

```

Ln 36, Col 8 Spaces: 4 UTF-8 CRLF {} HTML Layout: US

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

labrecord1.html - Workspace

```

<html>
<head>
<title>webpage</title>
</head>
<body>
<h2>Example of, (Unordered List)</h2>
<ul>
<li>HTML</li>
<li>CSS</li>
<li>LAN. C</li>
</ul>
<h2>Example of, (Ordered List)</h2>
<ol>
<li>take pen</li>
<li>arrange resources</li>
<li>read them</li>
<li>jot down it!</li>
</ol>
<h2>Subjects I Study</h2>
<ul>
<li>Computer Science
<ol>
<li>IWI</li>
<li>C.P</li>
</ol>
<li>PFC</li>
<li>Mathematics</li>
<li>CDC</li>
</ul>
</body>
</html>

```

Ln 36, Col 8 Spaces: 4 UTF-8 CRLF {} HTML Layout: US

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

OUTPUT

webpage

File D:/BCA_A1/AYUSHKUMARDUBEY/labrecord1.html

Gmail YouTube Maps

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!

Subjects I Study

Search ENG IN 12-10-2025

Here is output showcasing HTML links, images,

webpage

File D:/BCA_A1/AYUSHKUMARDUBEY/labrecord1.html

Gmail YouTube Maps

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

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>

```

Ln 25, Col 26 Spaces: 4 UTF-8 CRLF {} HTML Layout: US

EXPLORER

WORKSPACE

- AYUSHKUMARDUBEY
 - labrecord1.html

```

AYUSHKUMARDUBEY > labrecord1.html > html > body > table > tr > td
1  <html>
2  <head>
3  <body>
4  <table border="1" cellpadding="10" cellspacing="0" align="center">
5  <tr>
6  <td align="center">C.P</td>
7  </tr>
8  <tr>
9  <td align="center">Tuesday</td>
10 <td colspan="2" align="center">IWI</td>
11 <td align="center">PFC</td>
12 <td align="center">CDC</td>
13 <td align="center">LUNCH</td>
14 <td colspan="2" align="center">CDC</td>
15 </tr>
16 <tr>
17 <td align="center">Wednesday</td>
18 <td align="center">Math</td>
19 <td align="center">CP</td>
20 <td colspan="2" align="center">Computer Lab</td>
21 <td align="center">LUNCH</td>
22 <td align="center">DL</td>
23 <td align="center">C.P</td>
24 </tr>
25 <tr>
26 <td align="center">Thursday</td>
27 <td align="center">CDC</td>
28 <td align="center">IWI</td>
29 <td align="center">C.P</td>
30 <td align="center">Breather</td>
31 </tr>
32 <tr>
33 <td align="center">Friday</td>
34 <td colspan="2" align="center">Computer Lab</td>
35 <td align="center">PFC</td>
36 <td align="center">IWI</td>
37 <td colspan="3" align="center">      </td>
38 </tr>
39 <tr>
40 <td align="center">Saturday</td>
41 <td align="center">Math</td>
42 <td align="center">CP</td>
43 <td colspan="5" align="center"></td>
44 </tr>
45 <tr>
46 </table>
47 </body>
48 </html>

```

Ln 25, Col 26 Spaces: 4 UTF-8 CRLF {} HTML Layout: US

```

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>

```

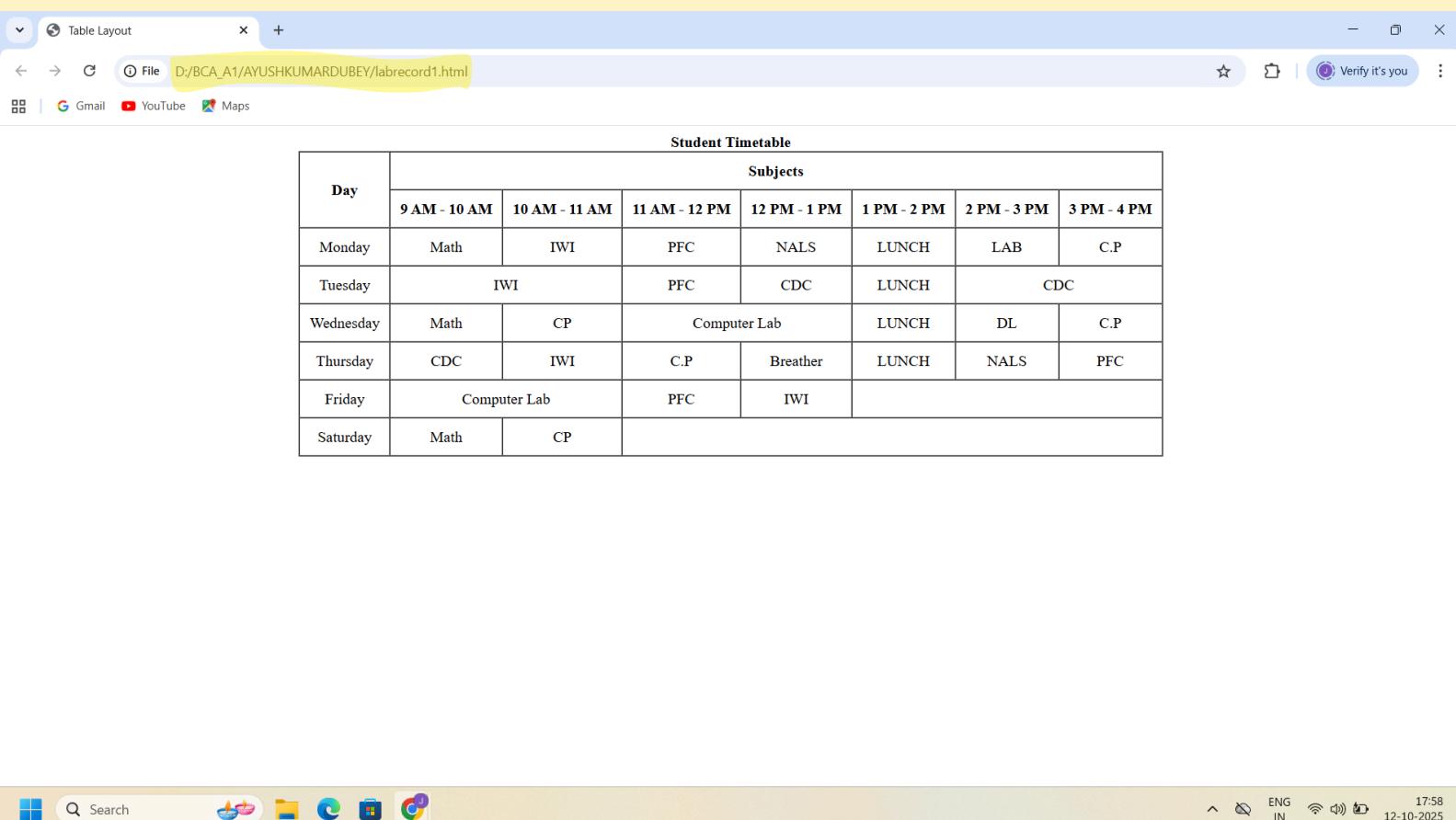
Ln 25, Col 26 Spaces: 4 UTF-8 CRLF {} HTML Layout: US

Search

18:10
12-10-2025

OUTPUT

Table showing merged cells using rowspan and colspan



The screenshot shows a web browser window with the title "Table Layout". The address bar displays the URL "D:/BCA_A1/AYUSHKUMARDUBEY/labrecord1.html". Below the address bar, there are standard browser navigation buttons and a toolbar with icons for Gmail, YouTube, and Maps.

The main content is a table titled "Student Timetable". The table has a header row with two columns: "Day" and "Subjects". The "Subjects" column is further divided into seven time slots: "9 AM - 10 AM", "10 AM - 11 AM", "11 AM - 12 PM", "12 PM - 1 PM", "1 PM - 2 PM", "2 PM - 3 PM", and "3 PM - 4 PM".

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					

The taskbar at the bottom of the screen includes icons for Search, File Explorer, Edge, Task View, and Start. System status icons are visible on the right, including battery level, signal strength, and the date/time "12-10-2025".

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

labrecord1.html - Workspace

vscode.dev

Gmail YouTube Maps

EXPLORER WORKSPACE AYUSHKUMARDUBEY labrecord1.html

labrecord1.html

```

AYUSHKUMARDUBEY > labrecord1.html > html > body > form > input
1 <html>
5   <body>
6     <h2>Registration Form</h2>
7     <form action="#" method="post">
8
9       <label for="name">Name:</label>
10      <input type="text" id="name" name="name"><br><br>
11
12      <label>Gender:</label><br>
13      <input type="radio" name="gender" value="Male"> Male<br>
14      <input type="radio" name="gender" value="Female"> Female<br><br>
15
16      <label>clubs:</label><br>
17      <input type="checkbox" name="clubs" value="DANCEg">RANG<br>
18      <input type="checkbox" name="clubs" value="Traveling">DSR<br>
19      <input type="checkbox" name="clubs" value="Sports">RUNVIJAY<br><br>
20
21      <label for="subject">Favorite Subject:</label>
22      <select> The select element represents a control for selecting amongst a set of options.
23        <option> Widely available across major browsers (Baseline since 2015)
24        <option> MDN Reference
25      </select><br><br>
26
27      <input type="submit" value="Submit">
28      <input type="reset" value="Reset">
29    </form>
30  </body>
31 </html>
33

```

In 17. Col 49. Spaces: 4. UTE-8. CRLE. {} HTML. Layout: US

OUTPUT

Club Activity Form

File D:/BCA_A1/AYUSHKUMARDUBEY/labrecord1.html

Name:

Gender:

Male
 Female

clubs:

RANG
 DSR
 RUNVIJAY

Favorite Subject:

Club Activity Form

File D:/BCA_A1/AYUSHKUMARDUBEY/labrecord1.html

Name:

Gender:

Male
 Female

clubs:

RANG
 DSR
 RUNVIJAY

Favorite Subject:

HTML
C
C.P

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</p>
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>

```

OUTPUT



structured webpage

A structured webpage made using semantic elements

[Home](#) | [Notes](#) | [About Me](#)

SEMANTIC ELEMENTS

What is semantic elements

semantic elements are elements that clearly describe their meaning to both the browser and the developer. Unlike non-semantic elements, which only define how content looks (e.g., <div> and).

Why It's Important

Using the right tags can help search engines and people understand your website better.

Extra Info

This is a labrecord

sumbit on 14/10/2025