| Session | 2025-2026 (ODD) | Course Name | Web Technology Lab |
|---|---|---|---|
| Semester | 3 | Course Code | 23CT1301 |
| Roll No | 65 | Name of Student | Radhesham Gonare |

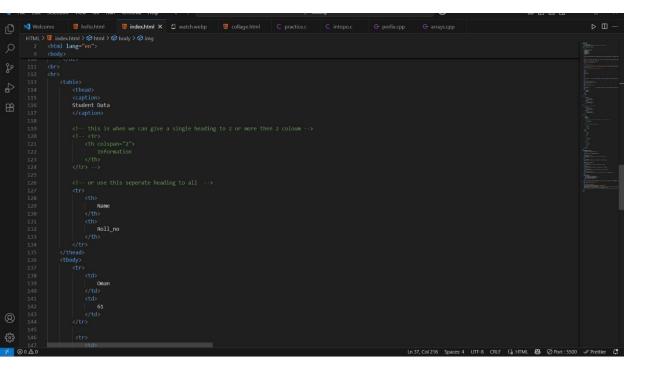| Practical Number | (1.B) |
|---|---|
| Course Outcome | 1. Understand various internet technologies. <br><br> 2. Design the web pages using HTML and CSS. <br><br> 3. Implement the XML technology to store the data. <br><br> 4. Develop the interactive web pages using JavaScript. |
| Aim | Study HTML5 architecture and to implement base HTML5 tag. |
| Problem Definition | Use tag in HTML5 |

| | |
|---|---|
| **Theory** | HTML Boilerplate :- This is the standard format or skeleton of writing HTML code.(! and Enter)<br><br>Heading Element :- The <h1> to <h6> HTML elements represent six levels of section headings. <h1> is the highest section level and <h6> is the lowest.<br><br>Anchor Element :- Used to add links to your page.(<a href = "https: //google.com">Google</a><br><br>Image Element :- Used to add image to your page. (<img src = "image.png" alt= image name"><br><br>Div Element :- Div is a container used to hold other HTML element or group elements together. It is the block Element.<br><br>Unordered List(<ul> </ul>) :- To create a list.<br><br>Hr Element : - For Horizontal Rule Element.<br><br>Section Element :- The **<section>** element represents a generic standalone section of a document, which doesn't have a more specific semantic element to represent it. Sections should always have a heading, with very few exceptions. |
| **Procedure And Execution** | **Algorithm:** 1) Start<br><br>2)      Create a new HTML file and add the HTML5 boilerplate (<!DOCTYPE html>, <html>, <head>, <body>).<br><br>3)      Inside <head>, set the page title.<br>4)Inside <body>, create a <div> container to hold all content. |

5)  Add <h1> for the profile name at the top.

6)  Insert a profile image using <img> with appropriate src and alt attributes.
7)Create separate <section> elements for:
8) also use different html tags.
. Open the HTML file in a web browser to view the output.
. End

HTML
Code:-



```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>my first page</title>
</head>
<!-- its a method to show coments -->
<body>
        <hr>

    <p>this is the paragraph</p>
    <h1>heading 1</h1>
    <h2>heading 2</h2>
    <h3>heading 3</h3>
    <h4>heading 4</h4>
    <h5>heading 5</h5>
    <h6>heading 6</h6>
    <br>
        <hr>

    <p> this for toggle word wrap this for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word w
    </p>
        <hr>

    <br>
    <a href="https://www.google.com/" target="_main"> <img src="https://www.google.com/imgres?q=google%20logo&imgurl=https%3A%2F%2Fupload.wikimedia.org%2Fwik
    <br>
    <a href="https://www.youtube.com/">you tube</a>
    <br>
    <a href="./hello.html">Goto hello</a>
    <br>
        <hr>

    <!-- using absolute url -->

    <img src="https://encrypted-tbn2.gstatic.com/shopping?q=tbn:ANd9GcR0yCL__lFUN9Mo6O1ybp6Zh3TQfoWi76QHC6fD56Ssn0Lslydn1wI_L2-oGd9oPKZDJmjOckk8jhMlxRNaRQTq0
    <br>
    <!-- using relative url -->
```

HTML > index.html > html > body > img

```
 2    <html lang="en">
 9    <body>
37        <img src="https://encrypted-tbn2.gstatic.com/shopping?q=tbn:ANd9GcR0yCL__lFUN9Mo6O1ybp6Zh3TQfoWi76QHC6fD56S
38        <br>
39        <!-- using relative url -->
40        <!-- <img src="watch.webp" alt="watch"  height="100" > -->
41        <hr>
42
43        <br>
44        <b>bold</b>
45        <br>
46        <i>italic</i>
47        <br>
48        <u>underlined</u>
49        <br>
50        <br>
51        <br>
52        <br>
53        <br>
54        <hr>
55        <p>
56          <u>paragraph:-</u>  this for toggle word wrap this for toggle word wrapthis for toggle word wrapthis for
57        </p>
58        <hr>
59        <br>
60        <big>this text shows big text </big>
61        <br>
62        <small>this text shows small text </small>
63        <br>
64        <P>H<sub>2</sub>O</P>
65        <hr>
66        <P>A<sup>2</sup>+B<sup>2</sup></P>
67        <br>
68        <hr>
69        <pre>
70          <u>paragraph:-</u>                htis for toggle word wrap this for toggle word wrapthis for toggle word
71        </pre>
72        <br>
73        <div>
```

⊗ 0  ⚠ 0

Welcome       hello.html       index.html ×       watch.webp       collage.html       C   practi

HTML > 🔷 index.html > 🔷 html > 🔷 body > 🔷 img

```
 2      <html lang="en">
 9      <body>
69          <pre>
71          </pre>
72          <br>
73          <div>
74              <p>hello</p>
75              <p>namste</p>
76              <p>hi</p>
77          </div>
78
79          <span>
80              bye
81          </span>
82      <br>
83      <hr>
84          <ul>
85              <li>apple</li>
86              <ul>
87                  <li>color: red</li>
88                  <li>season: winter</li>
89              </ul>
90              <li>mango</li>
91              <ul>
92                  <li>color: yellow</li>
93                  <li>season: winter</li>
94              </ul>
95          </ul>
96      <br>
97      <hr>
98          <!-- or for number ol tag is used -->
99          <ol>
100             <li>apple</li>
101             <ol>
102                 <li>color: red</li>
103                 <li>season: winter</li>
104             </ol>
105             <li>mango</li>
106             <ol>
```

⊗ 0 ⚠ 0

```html
  2   <html lang="en">
  9   <body>
111   <br>
112   <hr>
113       <table>
114           <thead>
115           <caption>
116           Student Data
117           </caption>
118
119           <!-- this is when we can give a single heading to 2 or more then 2 coloum -->
120           <!-- <tr>
121               <th colspan="2">
122                   Information
123               </th>
124           </tr> -->
125
126           <!-- or use this seperate heading to all  -->
127           <tr>
128               <th>
129                   Name
130               </th>
131               <th>
132                   Roll_no
133               </th>
134           </tr>
135           </thead>
136           <tbody>
137               <tr>
138                   <td>
139                       Oman
140                   </td>
141                   <td>
142                       61
143                   </td>
144               </tr>
145
146               <tr>
147                   <td>
```

```html
  2   <html lang="en">
  9   <body>
113       <table>
136           <tbody>
146               <tr>
149                   </td>
150                   <td>
151                       56
152                   </td>
153               </tr>
154               <tr>
155                   <td>
156                       sanskar
157                   </td>
158                   <td>
159                       33
160                   </td>
161               </tr>
162           </tbody>
163       </table>
164   <br>
165   <hr>
166   <h2>Regestration form</h2>
167   <form action="/action.php">
168       <input type="text" placeholder="username">
169       <br>
170       <br>
171       <input type="password" placeholder="password">
172       <br>
173       <br>
174       <h5>select your class</h5>
175       <label for="101">
176           <input type="radio" value="class XI" name="class" id="101">class XI
177       </label>
178       <br>
179       <br>
180       <label for="102">
181           <input type="radio" value="class XII" name="class" id="102">class XII
182       </label>
```

```html
<html lang="en">
<body>
  <form action="/action.php">
    <label for="102">
      <input type="radio" value= class="xll" name= class  id= 102 >class xll
    </label>
    <br>
    <br>
    <h5>choose your fev stream</h5>

    <label for="math">
      <input type="checkbox" value="math" name="subject" id="1">math
    </label>
    <br>
    <label for="physics">
      <input type="checkbox" value="physics" name="subject" id="2">physics
    </label>
    <br>
    <label for="chemistry">
      <input type="checkbox" value="chemistry" name="subject" id="3">chemistry
    </label>
    <br>
    <label for="computer science">
      <input type="checkbox" value="computer science" name="subject" id="4">computer science
    </label>
    <br>
    <br>
    Select your city
    <select name="city">
      <option value="Delhi">Delhi</option>
      <option value="banglore">banglore</option>
      <option value="mumbai">mumbai</option>
      <option value="pune">pune</option>
    </select>
    <br>
    <br>
    <textarea name="feedback" id="105" placeholder="please give your valuable feedback" rows="5">feedback</textarea>
    <br><br>
    <input type="submit" value="submit">
    <br>
```

```html
<html lang="en">
<body>
  <form action="/action.php">
    <select name="city">
      <option value="banglore">banglore</option>
      <option value="mumbai">mumbai</option>
      <option value="pune">pune</option>
    </select>
    <br>
    <br>
    <textarea name="feedback" id="105" placeholder="please give your valuable feedback" rows="5">feedback</textarea>
    <br><br>
    <input type="submit" value="submit">
    <br>
    <br>
    <hr>
    <iframe width="560" height="315"
    src="https://www.youtube.com/embed/UmnCZ7-9yDY?si=vDOKDS9nMjeSgOYs"
    title="YouTube video player" frameborder="0"
    allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share"
    referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>
    <br>
    <!-- <video width="560" height="315" src="C:\users\omanc\OneDrive\Pictures\New folder\VID-20231223-WA0051.mp4"></video> -->
  </form>
</body>
</html>
```

Output:-

---

this is the paragraph

# heading 1

## heading 2

### heading 3

#### heading 4

##### heading 5

###### heading 6

---

this for toggle word wrap this for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrap

---

google
you tube
Goto hello



---

**bold**
*italic*
underlined

---

paragraph:- this for toggle word wrap this for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrap

---

this text shows big text
this text shows small text

$H_2O$

$A^2+B^2$

---

paragraph:-                htis for toggle word wrap this for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapthis for toggle word wrapth

hello

namste

hi

bye

- apple
  - color: red
  - season: winter
- mango
  - color: yellow
  - season: winter

---

1. apple
   1. color: red
   2. season: winter
2. mango
   1. color: yellow
   2. season: winter

---

Student Data

Student Data

| Name | Roll_no |
| --- | --- |
| Oman | 61 |
| antriksh | 56 |
| sanskar | 33 |

# Regestration form

username

password

**select your class**

○ class XI

○ class XII

**choose your fev stream**

☐ math
☐ physics
☐ chemistry
☐ computer science

Select your city Delhi ▼

feedback

submit

feedback

submit



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| | |
|---|---|
| **Output Analysis** | The HTML5 profile page successfully displayed |
| **Link of Student Github Profile** | https://github.com/Radhesham03 |
| **Conclusion** | The experiment successfully demonstrated the use of HTML5 basic tags. |

| | | |
|---|---|---|
| **Plag Report** | 9% | |
| **Date** | 15 AUG | |