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## EDUCATION TO INNOVATION

5. Which attribute can be used with the <ol> tag to change the numbering style of the list?

- a) start
- b) type
- c) style
- d) numbering

Answer:

M

Signature with Date of Completion	
Marks out of 10	



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## CERTIFICATE

*This is to certify that*

Mr. /Ms Punit Pateloya

With enrollment no 2404030400062 from

Semester I Div. A has Successfully

completed his/her laboratory experiments in the **Html markup**  
**for web designers (4040243136)** from the department of

BSC ICS-IIT

during the

academic year 2024 - 25.

Date of Submission: \_\_\_\_\_

Staff In charge: \_\_\_\_\_

Head of Department



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## EDUCATION TO INNOVATION

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2.	Demonstrate use of 1. subscript, 2. super script, 3. align tag and 4. Format the text by using formatting tags like bold and italic.	3	5	8/8/24	8/8/24		
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7.	Create webpage which shows the use of hyperlink.	16	17	15/10/24	15/10/24		
8.	Show the use of all tags related to images.	18	19	18/10/24	18/10/24		
9.	<p>Create a webpage and use the following TAG to perform operation.</p> <ol style="list-style-type: none"><li>1. Create a simple table with at least three rows and three columns,</li><li>2. Use the &lt;table&gt;, &lt;tr&gt;, &lt;th&gt;, and &lt;td&gt; tags.</li><li>3. Add a caption to the table created above using the &lt;caption&gt; tag.</li><li>4. Add a border to your table using the border attribute in the &lt;table&gt; tag.</li><li>5. Align the content of your table cells using the align and valign attributes.</li><li>6. Change the background color of your table and its cells using the bgcolor attribute.</li><li>7. Use the cellpadding and cellspacing attributes to adjust the spacing inside and between the table cells.</li><li>8. Create a nested table by inserting one table inside another table's cell.</li></ol>	20	21	15/10/24	15/10/24		



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10.	Create a webpage and use the following TAG to perform operation. 1. Use the <frameset> tag to create a webpage with two frames. 2. Use the <frame> tag to define the content of each frame. 3. Specify different attributes like border, frameborder, framespacing, and marginwidth for the frames. 4. Set the width and height of the frames using the cols and rows attributes in the <frameset> tag. 5. Create a navigation menu in one frame and display the corresponding content in another frame using the target attribute in the <a> tag.	22	23	16/10/24	16/10/24	
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## EXPERIMENT NO: 1

Aim: Create and save simple HTML document & modifying the

1. background of HTML
2. Webpage with different colors.

Description:

In this practical, we created a basic HTML document and applied CSS to change the background color of the webpage. Additionally, we used CSS properties to modify the color of different webpage elements like headers and paragraphs. This demonstrates the basic concept of styling HTML elements using CSS.

Procedure:

- 1) Open a text editor like Notepad any software.
- 2) Save the file with a .html extension (Ex: Index.html)

```
<!DOCTYPE html>
<HTML>
<HEAD>
<TITLE> Simple HTML Document </TITLE>
<STYLE>
body {
background-color: light blue;
}
</STYLE>
</HEAD>
<BODY>
<H1> webpage </H1>
<div style = "background-color: yellow;">
<n2> Different colors </n2>
<P> Yellow background </P>
</div>
</body>
</HTML>
```



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### Conclusion:

I created a basic HTML webpage and applied CSS to change the background color of the webpage.

### Post Practical Question:

- How can you apply different background images instead of a color to your webpage?

Ans: CSS allows you to add different background instead of a color to your webpage using image property

- How would you change the colors dynamically using JavaScript?

Ans: Modify the color attribute specifically, target the color attribute within the element's style property to dynamically adjust the text color using javascript.

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## EXPERIMENT NO: 2

Aim: Demonstrate use of

1. subscript,
2. super script,
3. align tag and
4. Format the text by using formatting tags like bold and italic.

Description:

In this practical, we demonstrated how to use:

1. Subscript (`<sub>`) and superscript (`<sup>`) tags to format text in mathematical and chemical notations.
2. Align attribute to control text alignment (center, right).
3. Formatting tags like bold (`<b>`) and italic (`<i>`) to emphasize specific parts of the text.

Procedure:

```
<!DOCTYPE HTML>
<HT    LHTML>
      <HEAD>
          <title> Demonstrate use </title>
      </HEAD>
      <BODY>
          H<sub>2</sub>
          E = MC<sup>2</sup>
      </BODY>
      <P align="center"> This text is centered </P>
      <P> <B> Subscript </B> </P>
      <P> <I> SuperScript </I> </P>
  </BODY>
</HTML>
```



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In this practical I used format tag align tag subscript & superscript and align tags.

### Conclusion:

In this practical I used format tag align tag subscript, superscript and format tags.

### Post Practical Question:

1. Which tag is used to display text as a subscript in HTML?

- a) `<sup>`
- b) `<sub>`
- c) `<script>`
- d) `<small>`

Answer: `<sub>`

2. Which of the following tags is used to display text as superscript in HTML?

- a) `<sub>`
- b) `<i>`
- c) `<sup>`
- d) `<u>`



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Answer: a) <sup>

3. What is the correct way to align text to the center in a paragraph using HTML?

- a) <p align="right">This is centered text</p>
- b) <p align="center">This is centered text</p>
- c) <p style="center">This is centered text</p>
- d) <p text-align="center">This is centered text</p>

Answer: b) <p align = "center">This is centred text</p>

4. Which tag is used to make text bold in HTML?

- a) <b>
- b) <i>
- c) <u>
- d) <strong>

Answer: a) <b>

5. What is the purpose of the <i> tag in HTML?

- a) To underline the text
- b) To make the text bold
- c) To italicize the text
- d) To strike through the text

Answer: c) To italicize text

6. Which tag is used to underline text in HTML?

- a) <i>
- b) <b>
- c) <u>
- d) <sub>

Answer: c) <u>



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7. Which of the following attributes is used to align text within a <p> tag?

- a) text-align
- b) align
- c) style
- d) font-align

b) Align

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### EXPERIMENT NO: 3

Aim: Draw the table as given format

Description:

In this exercise, a table is created using the `<table>`, `<tr>`, `<th>`, and `<td>` tags. The table structure was enhanced with attributes like borders, cell padding, and cell spacing. This demonstrates the creation of structured data presentation using tables in HTML.

Procedure:

```
<!DOCTYPE HTML>
<html>
  <head>
    <title> Table </title>
  </head>
  <body>
    <table border="1" cellpadding="5" cellspacing="0">
      <thead>
        <tr>
          <th> Name </th>
          <th> Age </th>
          <th> City </th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <td> Jayesh </td>
          <td> 30 </td>
          <td> Mumbai </td>
        </tr>
        <tr>
          <td> John </td>
          <td> 28 </td>
          <td> Mumbai Mumbai </td>
        </tr>
      </tbody>
    </table>
  </body>
</html>
```



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### Conclusion:

After I conclude that I learned to create table using TABLE & THEAD.

### Post Practical Question:

1. Which tag is used to create a table in HTML?

- a) <table>
- b) <tab>
- c) <tr>
- d) <td>

Answer: a) <table>

---

2. What does the <tr> tag represent in an HTML table?

- a) A table cell
- b) A table row
- c) A table header
- d) A table caption

Answer: b) A table row

---

3. Which tag is used to define a header cell in a table?

- a) <td>
- b) <th>
- c) <header>
- d) <cell>

Answer: b) <th>



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4. What attribute is used to add a caption to a table?

- a) <caption>
- b) <tablecaption>
- c) title
- d) description

Answer: a) *<caption>*

5. Which attribute would you use to specify the border of a table in HTML?

- a).border
- b) border-style
- c) frame
- d) cellpadding

Answer: a) *border*

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### EXPERIMENT NO: 4

Aim: Create web page using metadata & `<!DOCTYPE html>` tag.

Description:

This practical demonstrates the use of the `<!DOCTYPE html>` declaration to specify the HTML version. It also covers the use of metadata tags like `<meta>` to define the character set, description, keywords, and other important information for the webpage. Metadata is essential for SEO and webpage responsiveness.

Procedure:

```
<HTML>
  <HEAD>
    <Meta charset="UTF-8">
    <title>Metadata Example</title>
    <meta name="keywords" content="HTML, "Metadata example" >
  </head>
  <body>
    <h1>Metadata Example</h1>
    <p>This page contains metadata information</p>
  </body>
</HTML>
```

Conclusion:

Learned to use metadata & `<!DOCTYPE HTML>`  
how specify metadata tags to define character set.

Post Practical Question:



**EXPERIMENT NO: 5**

Aim: Create a Web page to display basic your resume

**Description:**

In this practical, a simple webpage was created to showcase a basic resume layout. HTML tags such as `<h1>`, `<p>`, `<ul>`, and `<table>` are used to structure sections like personal details, education, skills, and contact information. This is useful for creating personal portfolios or professional resumes online.

**Procedure:**

```
<!DOCTYPE HTML>
<html>
  <head>
    <title>Resume</title>
  </head>
  <body>
    <h1>Pratik</h1>
    <p>Email: college@.com </p>
    <p>Phone: 986543218</p>
    <h2>Education</h2>
    <ul>
      <li>BSC(Computer Science) in Silver Oak University</li>
      <li>High School 12th</li>
    </ul>
    <h2>Skills</h2>
    <ul>
      <li>HTML CSS</li>
      <li>JS</li>
      <li>Python</li>
    </ul>
    <table>
      <tr>
        <th>Job Title</th>
        <th>Company</th>
        <th>Years</th>
      </tr>
      <tr>
        <td>Web Dev</td>
        <td>Yogesh</td>
        <td>2023-2025</td>
      </tr>
    </table>
  </body>

```



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ctry  
ctry Intern Ctry  
ctry gsm. Inc Ctry  
ctry 2020-2022 Ctry

ctry  
<table  
<body  
<html>

Conclusion:

Hence, I conclude that I learned to make a basic resume webpage using HTML document

Post Practical Question:

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## EDUCATION TO INNOVATION

### EXPERIMENT NO: 6

Aim: Show the use of all tags and attributes of  
1. ordered list  
2. unordered list.

#### Description:

This exercise demonstrates the use of ordered (`<ol>`) and unordered (`<ul>`) lists in HTML. The `<li>` tag is used for list items. Attributes like `type`, `start`, and `reversed` for ordered lists, and bullet styling for unordered lists, are explored to enhance list formatting.

#### Procedure:

```
<HTML>
  <Head>
    <title>List</title>
  </Head>
  <body>
    <h2> Ordered List </h2>
    <ol> Type = "1" Start = "3" reversed
      <li> 3 </li>
      <li> 2 </li>
      <li> 1 </li>
    </ol>
    <h2> Unordered list </h2>
    <ul type = "circle">
      <li> First </li>
      <li> Second </li>
      <li> Third </li>
    </ul>
  </body>
</HTML>
```

2. What is the purpose of the <li> tag in both ordered and unordered lists?

- a) To define the list itself
- b) To represent each item within a list
- c) To create a heading for the list
- d) To style the list items

Answer: b) To represent each item within a list

3. Which attribute can be used to specify the type of bullet in an unordered list?



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- a) style
- b) type
- c) bullet
- d) list-style-type

Answer:

---

4. What tag is used to create an ordered list in HTML?

- a) <ul>
- b) <li>
- c) <ol>
- d) <list>

Answer: C) <OL>

---

5. Which attribute can you use to change the numbering style of an ordered list?

- a) style
- b) type
- c) numbering
- d) format

Answer: B) type

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### EXPERIMENT NO: 7

Aim: Create webpage which shows the use of hyperlink.

Description:

In this practical, hyperlinks were created using the `<a>` tag. The `href` attribute was used to link to external and internal web pages, while the `target` attribute was used to control how the linked page opens (e.g., in a new tab). This exercise is key in learning how to navigate between web pages.

Procedure:

```
<HTML>
  <HEAD>
    <TITLE>Link</TITLE>
  <HEAD>
<BODY>
  <H1>Using Hyperlinks</H1>
  <P>visit an external website</P>
  <a href="https://www.google.com" target="blank">google</a>
  <a href="#section1">go to section 1</a>
  <a href="#section1">Section 1</a>
  <h2 id="section2">Section 2</h2>
  <p>This is section 2</p>
</body>
</HTML>
```

Conclusion:

I learned how to create webpage using hyperlink.

Post Practical Question:



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## EDUCATION TO INNOVATION

### EXPERIMENT NO: 8

Aim: Show the use of all tags related to images.

Description:

This practical demonstrates the use of the `<img>` tag to display images on a webpage. Attributes like `src` (source), `alt` (alternative text), `height`, and `width` are explored to control the display of images. It also covers image alignment and linking an image to another page using the `<a>` tag.

Procedure:

```
<!DOCTYPE HTML>
<HTML>
<Head>
    <Title> Image </Title>
</Head>
<Body>
    <H2> Image </H2>
    
    
    <a href="https://www.google.com"> Google </a>
</Body>
</HTML>
```

Conclusion:

I learned how to use all the tags related to images.



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## EDUCATION TO INNOVATION

### EXPERIMENT NO: 9

Aim: Create a webpage and use the following TAG to perform operation.

1. Create a simple table with at least three rows and three columns.
2. Use the <table>, <tr>, <th>, and <td> tags.
3. Add a caption to the table created above using the <caption> tag.
4. Add a border to your table using the border attribute in the <table> tag.
5. Align the content of your table cells using the align and valign attributes.
6. Change the background color of your table and its cells using the bgcolor attribute.
7. Use the cellpadding and cellspacing attributes to adjust the spacing inside and between the table cells.
8. Create a nested table by inserting one table inside another table's cell.

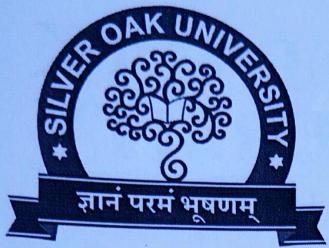
Description:

This practical focuses on creating a table with at least three rows and three columns using the <table>, <tr>, <th>, and <td> tags. Features such as captions, borders, alignment, background colors, cellpadding, and cellspacing were demonstrated. Additionally, a nested table was created by placing one table inside a table cell.

Procedure:

```
<html>
<head>
    <title>Table</title>
</head>
<body>
    <table border="1">
        <caption>Student Data</caption>
        <tr> <td>bg color="blue"</td>
            <th> <th>align="center">Name</th>
            <th> <th>align="center">Id</th>
            <th> <th>align="center">Age</th>
        </tr> <td>bg color="blue"</td>
        <tr> <td>align="center">Name</td>
            <td>align="center">Alice</td>
            <td>align="center">21</td>
            <td>
                <table>
                    <tr>
                        <td>align="center">Math</td>
                        <td>align="center">A+</td>
                    </tr>
                </table>
            </td>
        </tr>
    </table>
</body>

```



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## EXPERIMENT NO: 10

Aim: Create a webpage and use the following TAG to perform operation.

1. Use the <frameset> tag to create a webpage with two frames.
2. Use the <frame> tag to define the content of each frame.
3. Specify different attributes like border, frameborder, framespacing, and marginwidth for the frames.
4. Set the width and height of the frames using the cols and rows attributes in the <frameset> tag.
5. Create a navigation menu in one frame and display the corresponding content in another frame using the target attribute in the <a> tag.

### Description:

This practical shows the use of the <frameset> and <frame> tags to create a webpage with two frames. The webpage includes a navigation menu in one frame and displays related content in another frame using the target attribute. Attributes like border, frameborder, framespacing, and marginwidth are also demonstrated to control the appearance and spacing of frames.

### Procedure:

index.html

```
<!DOCTYPE html>
<html>
<frameset rows="20%,80%" frames border="1">
<frame src="menu.html">
<frame src="content.html">
</frameset>
</html>
```



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## EXPERIMENT NO: 11

Aim: Create a webpage for online Jewellery shopping.

1. Display Menu in left frame.
2. Clicking on menu should display related webpage in right frame.
3. Keep header and footer frames to display additional information.

### Description:

In this exercise, a webpage is designed using frames to create a simple online jewelry shopping interface. The left frame displays the menu, and clicking on the items in the menu displays the related content in the right frame. Additionally, a header and footer are used to display additional information.

### Procedure:

LHTML  
LHEAD  
Ltitle Jewelry shopping title  
6 Llink "stylesheet" href = "style.css"  
Lhead the  
LCOL  
LWY La href="#" necklaces > play li  
LWY La href="#" earrings > play li  
LWY La href="#" rings > play li  
LCOL  
LFOOT  
LMAIN  
LGMAIN id = "main" necklace  
LH2 necklace (h2)  
Limg src = "necklaces jpg" LSECTION  
LMAIN  
LBODY  
LHTML



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EXPERIMENT NO: 12

Aim: Create web page for register online exam form filling process.

Description:

This practical involves creating a form for registering for an online exam. The form uses various form elements like `<input>`, `<select>`, `<textarea>`, and buttons for user input. The exercise highlights form validation, data submission, and user interaction on a webpage.

Procedure:

```
<!DOCTYPE HTML>
<HTML>
<Head>
    <title> <!-- Title -->
    <link href="style.css" rel="stylesheet"/>
</head>
<body>
    <nav>
        <li> <a href="#">Cosmetics</a> </li>
        <li> <a href="#">Grocery</a> </li>
        <li> <a href="#">Clothes</a> </li>
    </nav>
    <main>
        <h1> Welcome to Silver University </h1>
        <h2> Online Exam Registration Form </h2>
        <form id="registerForm">
            <div>
                <label> Name </label>
                <input type="text" name="name" required="required" />
            </div>
            <div>
                <label> Roll No. </label>
                <input type="text" name="rollNo" required="required" />
            </div>
            <div>
                <label> Department </label>
                <select name="dept" required="required">
                    <option value="CSE"> Computer Science </option>
                    <option value="ECE"> Electrical Engineering </option>
                    <option value="EEE"> Electronics Engineering </option>
                    <option value="Civil"> Civil Engineering </option>
                    <option value="Mech"> Mechanical Engineering </option>
                </select>
            </div>
            <div>
                <label> Year </label>
                <select name="year" required="required">
                    <option value="1st Year"> 1st Year </option>
                    <option value="2nd Year"> 2nd Year </option>
                    <option value="3rd Year"> 3rd Year </option>
                    <option value="4th Year"> 4th Year </option>
                </select>
            </div>
            <div>
                <label> Gender </label>
                <input type="radio" name="gender" value="Male"/> Male <br/>
                <input type="radio" name="gender" value="Female"/> Female
            </div>
            <div>
                <label> Address </label>
                <input type="text" name="address" required="required" />
            </div>
            <div>
                <label> City </label>
                <input type="text" name="city" required="required" />
            </div>
            <div>
                <label> State </label>
                <input type="text" name="state" required="required" />
            </div>
            <div>
                <label> Zip Code </label>
                <input type="text" name="zip" required="required" />
            </div>
            <div>
                <label> Phone Number </label>
                <input type="text" name="phone" required="required" />
            </div>
            <div>
                <label> Email ID </label>
                <input type="text" name="email" required="required" />
            </div>
            <div>
                <label> Password </label>
                <input type="password" name="password" required="required" />
            </div>
            <div>
                <label> Confirm Password </label>
                <input type="password" name="confirmPassword" required="required" />
            </div>
            <div>
                <input type="submit" value="Register" />
            </div>
        </form>
    </main>
</body>
</HTML>
```



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4. Which CSS property would you use to change the background color of the form?

- a) color
- b) background
- c) bgcolor
- d) background-color

Answer: background-color

---

5. What is the purpose of the <label> tag in a form?

- a) To create a text input
- b) To provide a clickable area for form controls
- c) To define a form section
- d) To display error messages

Answer: b) To provide a clickable area for form controls

6. Which CSS property is used to adjust the spacing between the form fields?

- a) margin
- b) padding
- c) border
- d) spacing

Answer: a) margin



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EXPERIMENT NO: 13

Aim: Create a Web page to display your resume.

Ch 1 Your Name (h1)

(P) Email: Your\_email@.com phone: 1234567890

(P) location city/state (P)

(h1) heading

(Section id = "Summary")

Ch 2 Summary (h2)

(P) Brief summary about yourself (P)

(h3) section

(Section id = "experience")

(h4) Experience details

(div class = "job")

(h3) Job Title - Company Name (h3)

(P) Month yy :- present (P)

(h4)

(li) responsibility (li)

(li) responsibility (li)

(li) responsibility (li)

(Section id = "skills")

Ch 2 skills (h2)

(h3)



# SILVER OAK UNIVERSITY

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## EDUCATION TO INNOVATION

### EXPERIMENT NO: 14

Aim: Show the use of all tags and attributes of ordered list and unordered list.

Description:

In this practical, ordered and unordered lists were created using `<ol>` and `<ul>` tags. Different attributes of lists were explored, such as the `type` attribute for ordered lists (e.g., numbers, letters) and various bullet styles for unordered lists. This practical highlights how to create and style lists on a webpage.

Procedure:

```
<ul>
  <li> Item 1 </li>
  <li> Item 2 </li>
  <li> Item 3 </li>
</ul>
```

```
<ul> Step 1 </ul>
<ul> Step 2 </ul>
<ul> Step 3 </ul>
```

Conclusion:

I conclude that above features / codes can be used for a responsive web website which can be run on various devices.

Implementing a CSS framework like Bootstrap for consistent appearance.