



**SILVER OAK  
UNIVERSITY**  
EDUCATION TO INNOVATION

# Silver Oak University

SILVER OAK COLLEGE OF COMPUTER APPLICATION  
DEPARTMENT OF BACHELOR OF SCIENCE

HTML Markup for Web Designers

Course Code: 4040243136

1st semester

## Laboratory Manual

College Name :	Silver Oak University
Enroll. No. / Roll No. :	2H0H0301400089
Name of Student:	surdiya kerdik
Branch :	B.Sc (CS - IT)
Semester :	1
Division:	B



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## CERTIFICATE

*This is to certify that*

Mr. /Ms sudhiya hardik P.

With enrollment no 2N04030400089 from

Semester I Div. B has Successfully

completed his/her laboratory experiments in the **Html markup**

for web designers (4040243136) from the department of

BSC (CS - IT) during the

academic year 2024 - 25.

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

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

Head of Department



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Sr No.	Experiment Title	Page No.		Date of Start	Date of Completion	Sign	Marks (out of 10)
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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	6	14/8	14/8		
3.	Draw the table as given format	7	10	21/8	21/8	✓	
4.	Create web page using metadata &<!DOCTYPE html> tag.	11	12	23/8	23/8		
5.	Create a Web page to display basic your resume	13	14	28/8	28/8		
6.	Show the use of all tags and attributes of 1. ordered list 2. unordered list.	15	18	30/8	30/8		



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7.	Create webpage which shows the use of hyperlink.	19	20	4/9	4/9		
8.	Show the use of all tags related to images.	21	22	0/9	6/9		
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>	23	24	11/9	25/9		



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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.	25	26	27/9	11/10	2
11.	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 related information.	27	28	10/10	23/10	2
12.	Create web page for register online exam form filling process.	29	31	30/10	30/10	
13.	Create a Web page to display your resume.	33	35	1/11	1/11	



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14.	Show the use of all tags and attributes of ordered list and unordered list.	36	38	6/11	6/11	<i>(Signature)</i>	
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### Silver Oak College Of Computer Applications

Bachelor of Computer Science

#### LAB / ASSIGNMENT PERFORMANCE ASSESSMENT

Name:	Sudhiya hardik P.	Batch:	BSC(CS-IT)					
Sub:	Html markup for web designers	Semester:	1st					
Criteria								
A	Submission on time (2marks)							
B	Representation (File + Handwriting + Diagram (3 Marks))							
C	Reference used (Assignment) / Attentivity (Lab) (2Marks)							
D	Clarity of topics (3 Marks)							
Criteria of Marks	Not matched (1 Marks) / Matched (2Marks)							
Sr. No.	Marks					Remarks		
	A	B	C	D	Marks out of 10			
1.								
2.								
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								



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## EDUCATION TO INNOVATION

### 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:

~~~ file name is index.html.

=> Code :

```
<!DOCTYPE html>
<html>
<head>
    <title> my first web Page </title>
    <style>
        body {
            background-color: lightblue;
        }
        h2 {
            background-color: yellow;
        }
    </style>
</head>
</body> { <body> <h2> welcome to my web Page </h2>
</HTML> } <p> this is a paragraph </p>
```



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Conclusion:

~~> The experiment successfully demonstrated how to create a basic HTML document and apply CSS to modify the background colors of different elements on a webpage. This exercise helped in understanding the fundamental concepts of HTML structure and CSS styling.

Post Practical Question:

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

Ans: Body {

background-image: url('');

2. How would you change the colors dynamically using JavaScript?

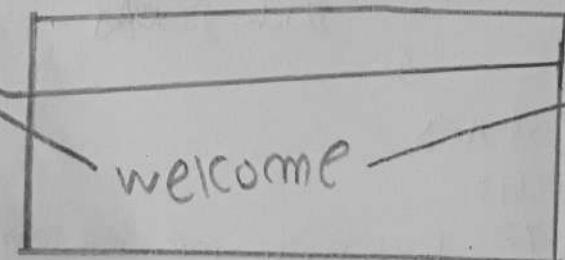
Ans: I can change the background color of an element dynamically using JavaScript. JavaScript has many ways of changing colors dynamically by posting CSS style.

|                                   |  |
|-----------------------------------|--|
| Signature with Date of Completion |  |
| Marks out of 10                   |  |

Output

Background light

=light blue





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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>
<HTML>
<head>
<title>my first web page </title>
</head>
<body>
<h2 style="text-align:center;">Example of
center </h2>
<p> this is a <b>bold</b> text </p>
<p> this is an <i>italic</i> text </p>
<p> formula of water: H<sub>2</sub> O</p>
<p> formula of exponents: E= m2 </p>
<h2 style="text-align:right;">Example of
right </h2>
</body>
</HTML>
```



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Example of center

this is a Bold text ←

this is an italic text ←

formula of water:  $H_2O$  ←

formula of energy:  $E=mc^2$  ←

Example of right

BOLD text

italic text

sub  
sup

Conclusion:

### 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: b) <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: C) <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 centered 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 the 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

Ans: a) text-align

|                                   |  |
|-----------------------------------|--|
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| Marks out of 10                   |  |



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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>Experiment no:3 </title>
</head>
<body>
    <h1> this is a TABLE </h1>
    <table border="1" cellpadding="10" cellspacing="5">
        <tr>
            <th> name </th>
            <th> Age </th>
            <th> Grade </th>
        </tr>
        <tr>
            <th> HAROLD </th>
            <th> 18 </th>
            <th> A </th>
        </tr>
    </table>
</body>
</HTML>
```



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Conclusion:

this is a table

| Name   | Age | Grade |
|--------|-----|-------|
| Kurdik | 18  | A     |

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

|                                   |  |
|-----------------------------------|--|
| Signature with Date of Completion |  |
| Marks out of 10                   |  |



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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:

```
<!DOCTYPE HTML>
<HTML>
<Head>
<meta charset = "UTF - 8">
<meta name = "viewport" content = "width - device - width,
initial - scale = 10">
<meta name = "description" content = "Experiment using
metadata and doctype in HTML">
<meta name = "keywords" content = "HTML, metadata,
DOCTYPE, SEO">
<meta name = "author" content = "Your Name">
<title>Experiment - metadata and DOCTYPE</title>
</head>
<body><h1>Welcome to experiment - u <h1>
<p>This page demonstrates the use of metadata type
and the doctype declaration </p>
```

Conclusion:

In this experiment we learned the importance of `<!DOCTYPE HTML>` declaration which specifies the HTML version. We implemented various `<meta>` tags within the `<head>` section of the HTML document to define essential information.

Post Practical Question:

About the web page such as the character set, keywords and another.



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\* output : .

|                        |
|------------------------|
| metu data example      |
| welcome to my web page |

|                                   |  |
|-----------------------------------|--|
| Signature with Date of Completion |  |
| Marks out of 10                   |  |



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### 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> my resume </title>
</head>
<body>
<h1> surdiya hudaik </h1>
<ul>
<li> Email: surdiya.hudaik.16@gmail.com </li>
<li> Phone: 20168 10420 </li>
</ul>
<h2> Personal Details </h2>
<ul>
<li> Date of Birth: JUNE 19, 2007 </li>
<li> Address: gata, Ahmedabad </li>
</ul>
<table border = "1" cellspacing = "5" cellpadding = "5">
<tr>
<td> BSC CS. I </td>
<td> Silver Oak University </td>

```



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`<td>2024 - Present </td>`  
`<br>`  
`<br>`  
`<td>high school </td>`  
`<td> S.N. H.S School </td>`  
`<td> 2019-2023 </td>`  
Conclusion:

`<table>`  
`<h3> skills </h3>`  
`<ul>`  
`<li> HTML CSS </li>`  
`<li> JAVASCRIPT </li>`  
`<li> web developing </li>`  
`<li> problem solving </li>`  
`<li> </ul>`  
`<h4> </body>`  
`</html>`

Post Practical Question: \* OUTPUT \*

my resume

- my Resume (ch)
- SURDIYA KURAIK
- Personal details
- Email: surdiyakuralku@gmail.com
- Phone: 901684020
- Education

| details                  | school | PASS YEAR |
|--------------------------|--------|-----------|
| BSC IT                   | SOU    | 2024      |
| HighSchool - vidyalay    |        | 2019-2024 |
| • Skills :<br>HTML & CSS |        |           |

Signature with Date of Completion

Marks out of 10



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### 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:

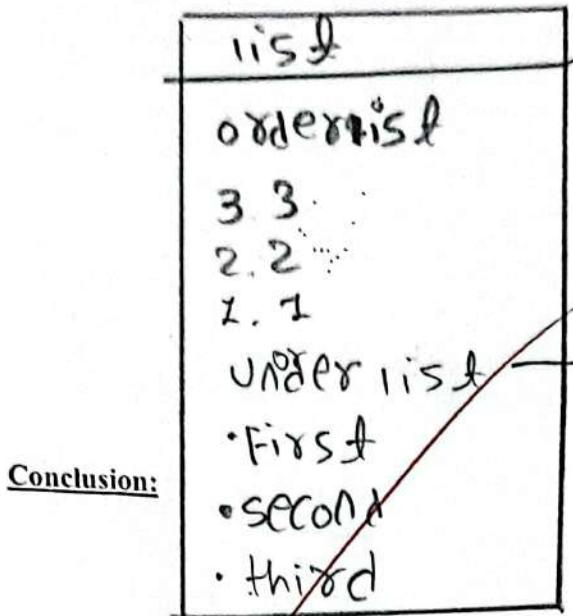
```
<!DOCTYPE HTML>
<HTML>
<head>
    <title>list </title>
</head>
<Body>
    <h2> ordered list </h2>
    <ol type = "1" start = "3" reversed>
        <li> 3 </li>
        <li> 2 </li>
        <li> 1 </li>
    </ol>
    <h2> unordered list </h2>
    <ul type = "circle">
        <li> first </li>
        <li> second </li>
        <li> third </li>
    </ul>
</Body>
</HTML>
```



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→ ordered and unordered list output

Post Practical Question:

1. Which tag is used to create an unordered list in HTML?

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

Answer: B) <ul>

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: B) TYPE

---

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

|                                   |  |
|-----------------------------------|--|
| Signature with Date of Completion |  |
| Marks out of 10                   |  |

\* Experiment -13 \*

\* Output \*

\* PDF file

### Resume (Title)

Your name

hunrik07@gmail.com

location: goa

Summary

summary about your self interest experience

experience

Job

Job title company name

month year present

- achievement 1
- achievement 2
- achievement 3

### Skills

skills

• skill 1

• skill 2

• skill 3

• skill n

• skill s

© 2023 your name



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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:

```
<!DOCTYPE html>
<html>
<head> <title>links </title>
</head>
<body>
    <h2>using hyperlinks </h2>
    <p>visit an external website= </p>
    <a href="https://www.google.com">google</a>
    <a href="#section 1"> go to section 1 </a>
    <a href="#section 2"> go to section 2 </a>
    <h2> id="section 1" >section1 </h2>
    <p>this is section 1 </p>
    <h2> id="section2">section2 </h2>
    <p> this is section= </p>
</body>
</html>
```

Conclusion:

Post Practical Question:



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- What are the security implications of using hyperlinks that open in a new tab (i.e., using `target="blank"`)?  
Ans: Using `target="-blank"` without `rel="noopener noreferrer"` can expose the original page to tabnapping attacks, allowing the new page to manipulate or redirect it.
- How would you create an anchor link that scrolls to a specific section of the same webpage?  
Ans:

```
<!DOCTYPE html>
<html>
<head>
    <title> Anchor link </title>
</head>
<body>
    <a href="#section 2"> go to section 2 </a>
    <h2 id="section 2"> section 2 </h2>
    <p> this is a section 2 </p>
</body>
</html>
```

|                                   |  |
|-----------------------------------|--|
| Signature with Date of Completion |  |
| Marks out of 10                   |  |

\* OUTPUT \*

|                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------|
| Link (title)                                                                                                              |
| using hyperlink<br>visit an external website : google<br>section 2<br>this is section 2<br>section 2<br>this is section 2 |



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### EXPERIMENT NO: 8

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

Description:

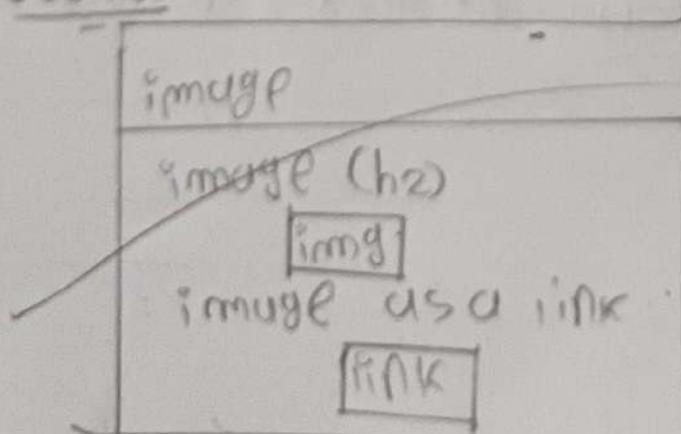
This practical demonstrates the use of the `<img>` tag to display images on a webpage. Attributes like `src` (source), `alt` (alternative text), `height`, and `width` are explored to control the display of images. It also covers image alignment and linking an image to another page using the `<a>` tag.

Procedure:

```
<!DOCTYPE html>
<html>
<head>
    <title> Image </title>
</head>
<body>
    <h2> Image </h2>
    
    <h2> Image </h2>
    <h2> Image </h2> as a link </h2>
    <a href="https://www.google.com" width="250" height="150">
        <img alt="Google Logo" />
    </a>
</body>
</html>
```

Conclusion:

\* Output \*





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**Post Practical Question:**

1. Which tag is used to embed an image in an HTML document?

- a) <img>
- b) <picture>
- c) <image>
- d) <src>

Answer: A) <img>

---

2. What attribute is essential for the <img> tag to specify the image source?

- a) source
- b) src
- c) href
- d) file

Answer: B) src

---

3. What attribute is used in the <img> tag to provide alternative text for an image?

- a) alt
- b) title
- c) description
- d) text

Answer: A) alt

4. How do you specify a caption for an image using HTML?

- a) Using the <figcaption> tag inside the <figure> tag
- b) Using the <caption> tag
- c) Using the alt attribute
- d) Using the <label> tag

Answer: A) Using the <figcaption> tag inside the <figure> tag

|                                   |  |
|-----------------------------------|--|
| Signature with Date of Completion |  |
| Marks out of 10                   |  |



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## 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>`, `<td>`, and `<th>` 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.

~~<!DOCTYPE HTML>~~

~~<html>~~

~~<head>~~

~~<title> TABLE</title>~~

~~</head>~~

~~<body>~~

~~<table border="1" colour="red" align="center">~~

~~<caption> <b> STUDENT DATA </b> </caption>~~

~~<tr> <b> colour = "blue" </b>~~

~~<th> align="center" > name </th>~~

~~<th> align="center" > ID </th>~~

~~<th> align="center" > AGE </th>~~

~~</tr>~~

~~<tr> <b> colour = "blue" </b>~~

~~<td align="center" > 1 </td>~~

~~<td align="center" > Aneet </td>~~

~~<td align="center" > 21 </td>~~

~~</tr>~~

~~<tr> <b> colour = "blue" </b>~~

~~<td align="center" > 2 </td>~~

~~<td align="center" > mark </td>~~

~~<td align="center" > "center" >~~

### Procedure:



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```
<table border="1" bordercolor="black">
<tr by colour = "yellow">
<th> width = "100px" > subject </th>
<th> width = "100px" > student </th>
</tr>
<tr>
<td width = "100px" > math </td>
<td width = "100px" > At </td>
</tr>
```

```
<!DOCTYPE>
<!ELEMENT>
<!ATTLIST>
<!ENTITY>
<!body>
<!html>
```

Conclusion: output \*

| table (tibble) |    |             |       |       |
|----------------|----|-------------|-------|-------|
| name           | ID | Age         | sub   | Grade |
| Alice          | 2  | 21<br>years | maths | A+    |

#### **Post Practical Question:**

1. What are the benefits of using CSS to style tables instead of inline HTML attributes?

Ann

~~18. Using CSS to style tables allows for cleaner, more maintainable code and provides greater flexibility and control over design.~~

2. How would you handle large tables with many rows and columns to improve readability and usability?

13

~~Ans: use features like fixed bladders, row highlighting, Pagination, and horizontal scrolling.~~

|                                   |  |
|-----------------------------------|--|
| Signature with Date of Completion |  |
| Marks out of 10                   |  |



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## EDUCATION TO INNOVATION

### 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%">
<frame border="2" name="menu">
<frame border="2" name="content">
</frameset>
</html>
```

##### menu.html

```
<!DOCTYPE html>
<html>
<body>
<h2>Navigation </h2>
<ul>
<li><a href="page1.html" target="content">Page 1</a></li>
<li><a href="page2.html" style="color:blue;">Page 2</a></li>
<li><a href="page3.html" target="content">Page 3</a></li>
</ul>
</body>
</html>
```



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EDUCATION TO INNOVATION

Q&Pvt:

- webpage Layout
- Top frame (Navigation menu)

Conclusion:

| Navigation |
|------------|
| • Page 1   |
| • Page 2   |
| • Page 3   |

- Bottom frame
- click on Page "1", "2", "3"
- display content "in bottom of frame. of Page = 1,2,3.

Post Practical Question:

1. What are the drawbacks of using frames in modern web development, and what alternatives exist?

Ans: Drawbacks of frames:

- SEO issues
- compatibility browser issues
- Accessibility problem
- security risks

Alternatives:

- CSS Layout
- JavaScript libraries
- Ajax
- HTML5 semantic elements.

2. How can you handle issues related to frame security and browser compatibility?

Ans: Frame security:

1. use HTTPS encryption
2. set content security policy
3. use sandbox attribute  
Browser compatibility
4. cross browser testing.
5. standard it with CSS
6. JavaScript libraries

Signature with Date of Completion

Marks out of 10



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## EDUCATION TO INNOVATION

### 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 related 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:

```
<!DOCTYPE HTML>
<HTML>
<head>
    <title> Jewelry Shop </title>
    <link href="#" rel="stylesheet" type="text/css" />
</head>
<body>
    <h1> Jewelry Shop </h1>
    <ul style="list-style-type: none; padding-left: 0;">
        <li><a href="#">Necklaces</a></li>
        <li><a href="#">Earrings</a></li>
        <li><a href="#">Ring</a></li>
    </ul>
    <hr style="margin-top: 10px;" />
    <div style="border: 1px solid black; padding: 10px; width: fit-content; margin: auto;">
        
        <p>Copy. 2024. WebsyjnoP </p>
        <hr style="margin-top: 10px;" />
        <table border="1" style="width: 100%; border-collapse: collapse;">
            <thead>
                <tr style="background-color: #f2f2f2; font-weight: bold;">
                    <th>Product Name</th>
                    <th>Description</th>
                    <th>Price</th>
                </tr>
            </thead>
            <tbody>
                <tr>
                    <td>Necklace A</td>
                    <td>A shiny necklace with a large pendant.</td>
                    <td>₹1000</td>
                </tr>
                <tr>
                    <td>Necklace B</td>
                    <td>A delicate necklace with small diamonds.</td>
                    <td>₹800</td>
                </tr>
                <tr>
                    <td>Necklace C</td>
                    <td>A necklace with a colorful gemstone pendant.</td>
                    <td>₹1200</td>
                </tr>
            </tbody>
        </table>
    </div>
</body>
```



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### Output

This code creates a website with

#### Conclusion:

- header with title
- navigation menu
- main content with sections for jewelry earning ring.
- footer with copy right information ~~image~~.

#### Post Practical Question:

1. How would you enhance the user experience by integrating JavaScript or CSS animations in your jewelry shopping website?

Ans: Enhance User experience

#### JavaScript :

- Product image zoom
- 360-degree view
- Responsive images

2. How can you make your shopping website responsive for mobile and tablet devices?

Ans: Make your shopping website responsive for mobile and tablet devices.

#### USE :

- HTML/CSS 3 media queries
- Bootstrap Foundation
- mobile -first design
- responsive images/videos, etc.

on jewelry shopping inside.

#### CSS Animation

- hover effects
- Loading animation
- Product sliders

|                                   |  |
|-----------------------------------|--|
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## EDUCATION TO INNOVATION

### 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.

`<!DOCTYPE HTML>`

Procedure:

```
<HTML>
  <head> <title>online exam registration </title>
  <style>
    body{font-family: Arial; }
    form{width: 50%; margin: 0 auto;
          padding: 20px; border: 1px solid #ccc;
          border-radius: 10px; box-shadow: 0 0 10px rgba(0,0,0,0.1); }
    </style>
  </head>
  <body>
    <h2>online Exam registration </h2>
    <form>
      <h2>registration form </h2>
      <label>full name :</label>
      <label>Email id:</label><br>
      <input type="text" name="name" required><br>
      <label>"exam" </label>
      <input type="number" name="number" required><br><br>
      <label>"exam"</label>
      <select name="exam" </select><br><br>
      <label> Password </label>
      <input type="password" required><br><br>
      <input type="submit" value="Register">
    </form>
  </body>
</HTML>
```



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## EDUCATION TO INNOVATION

Conclusion: In this experiment we successfully designed an online exam registration form using various HTML form tags such as <input>, <select>, and <table>. This form structure was styled using CSS.

Post Practical Question:

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

- a) <input>
- b) <form>
- c) <register>
- d) <fieldset>

Answer: b) <form>

---

2. What attribute is used to specify the method of form submission in HTML?

- a) action
- b) method
- c) submit
- d) enctype

Answer: B) method

---

3. Which input type would you use for a text field where users can enter their names?

- a) <input type="number">
- b) <input type="text">
- c) <input type="email">
- d) <input type="password">

Answer: B) <input type = "text">

---



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## EDUCATION TO INNOVATION

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: d) 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

---

7. How can you make a field required in a form?

- a) By adding the required attribute to the input tag
- b) By using the mandatory attribute
- c) By adding required="true" in the form tag
- d) By setting the validate attribute to true

Answer: a) By adding the required attribute to the input tag.



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|                                   |  |
|-----------------------------------|--|
| Signature with Date of Completion |  |
| Marks out of 10                   |  |

\* output \* EXPERIMENT 12

\* form creating \*

online exam registration (h2)

full name: (required)

email: (required)

phone: (required)

exam: (select)

password: (required)

submit

EXPERIMENT 11

\* output \*

laptops (list)

- hp
- acer
- msi

\* Shows section title "hp is s" (shown) in image & copy 2024 hp.



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**EDUCATION TO INNOVATION**

## EXPERIMENT NO: 13

Aim: Create a Web page to display your resume.

```
<h1> Your name </h1>
<p> Email: your_email@example.com phone: (123) 456-7890 </p>
<p> location: (if you state) </p>
<header>
<section id="summary">
<h2>Summary </h2>
<p> Brief summary about yourself and your core qualities </p>
<section>
<section id="experience">
<h2> Experience </h2>
<div class="job">
<h3> Job title, company name </h3>
<p> month, year = present </p>
<ul>
<li> Responsibility or achievement </li>
<li> Responsibility or achievement </li>
<li> Responsibility or achievement </li>
<section id="skills">
<h2> Skills </h2>
<ul>
```



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### Description:

This practical involves creating a more detailed and formatted resume using HTML. Sections like personal details, education, work experience, and skills are presented using appropriate tags like `<h1>`, `<p>`, `<ul>`, and `<table>`. This showcases how HTML can be used to create professional online resumes.

### Procedure:

```
<li>Skill 1</li>
<li>Skill 2</li>
<li>Skill 3</li>
<li>Skill 4</li>
<li>Skill 5</li>

</ul>
<section>
<Footer>
  <p>©2023 Your Name</p>
</Footer>
</body>
</html>
```

### Conclusion:

→ The provided HTML and CSS creates a simple, ~~structured~~ structured webpage to display a resume, featuring sections for personal information, experience, education and more.

### Post Practical Question:

C



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## EDUCATION TO INNOVATION

- What enhancements can you add to make the resume more interactive, such as using modal windows or downloadable sections?

Ans: To enhance the resume interactively you could add modal windows to display detailed information about each job experience when clicked providing a more in depth overview withouth cluttering the main page implementing downloadable sections such as a PDF version of the resume could allow users to easily save or print.

- How would you update your resume in the future while maintaining consistency and formatting across devices?

Ans: To update your resume in the future and formatting across devices responsive web design techniques adapt to desktops, tablets and smartphones. Implement a CSS framework like Bootstrap to maintain a cohesive approach, and ease of updates. Additionally, utilize a version control system like Git to track changes and collaborate efficiently ensuring a consistent format over time.

|                                   |  |
|-----------------------------------|--|
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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:

ordered list :-

```
<ol>
  <li> first </li>
  <li> second </li>
  <li> third </li>
</ol>
```

unordered list :-

```
<ul>
  <li> first </li>
  <li> second </li>
  <li> third </li>
</ul>
```

Conclusion:

- ~ use responsive web design techniques to adapt the layout for various devices
- ~ implement a CSS framework like Bootstrap for consistency and ease of updates.
- ~ utilize a version control system like Git to track changes and maintain format.
- ~ use responsive web design techniques for layout adaptability
- ~ implement a CSS framework like Bootstrap for consistent appearance.



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## EDUCATION TO INNOVATION

Post Practical Question:

1. Which tag is used to create an ordered list in HTML?

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

Answer: B) <ol>

---

2. What attribute can you use to specify the starting number of an ordered list?

- a) start
- b) type
- c) value
- d) number

Answer: A) start

---

3. Which of the following tags is used to define each item in a list?

- a) <item>
- b) <list-item>
- c) <li>
- d) <element>

Answer: C) <li>

---

4. What is the default bullet style for an unordered list created with the <ul> tag?

- a) Square
- b) Circle
- c) Disc
- d) None

Answer: C) Disc



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## EDUCATION TO INNOVATION

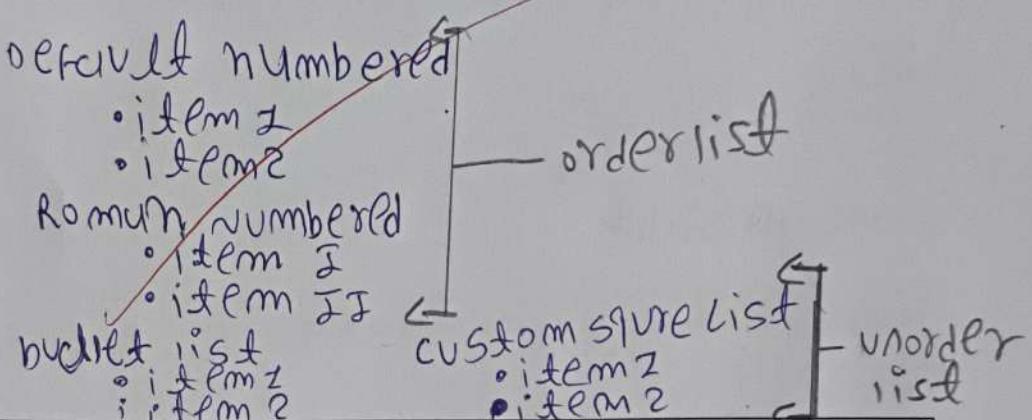
5. Which attribute can be used with the <ol> tag to change the numbering style of the list?

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

Answer: B) type

Experiment in:

\* output :



|                                   |  |
|-----------------------------------|--|
| Signature with Date of Completion |  |
| Marks out of 10                   |  |

Kishan