



**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

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## CERTIFICATE

*This is to certify that*

Mr. /Ms Suthar Dhruv Arvish Kumar

With enrollment no 2404089400131 from

Semester 1 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 - 2025.

Date of Submission: 20/11/24

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

Head of Department



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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: HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Colorful Webpage</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <header>
    <h1>Welcome to my colorful webpage</h1>
  </header>
  <div>
    <h2>This is a paragraph inside a section. Enjoy the colors!</h2>
  </div>
</body>
</html>
```

### CSS Code

```
body { background-color: lightblue; }
header { background-color: coral;
  color: white;
  text-align: center;
  padding: 20px; }
section { background-color: lightyellow;
  color: black;
  padding: 20px;
  border: 1px solid black; }
p { color: darkblue;
  font-size: 1.2em; }
```





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Conclusion: in this practical exercise we successfully created a basic HTML webpage and applied CSS to enhance its visual appearance by changing the background color of the web page and modifying color of different elements such as the header and paragraphs we demonstrated the basic concept of styling HTML element using CSS. This hands on experience reinforced the importance of CSS in web development and highlighted how it can be used to create visually appealing and user-friendly web pages.

## Post Practical Question:

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

Ans: to apply different background images instead of a color to your web page use background image

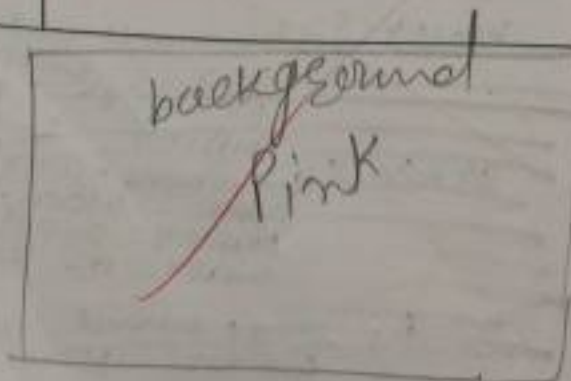
=> url('image.jpg') in CSS for different sections

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

Ans: To change the color dynamically using a JavaScript you can insert the style property of an element

document.getElementById

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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:

(1) Sub tag

HTML `<p> H2</sub></p>`

Sup tag

`<p> x2 + 2x + 1</p>`

(2) Align Attribute

HTML

`<table>  
<tr>`

`<td align="left"> left-aligned text</td>`

`<td align="center"> center-aligned text</td>`

`<td align="right"> right-aligned text</td>  
</tr>`

`</table>`





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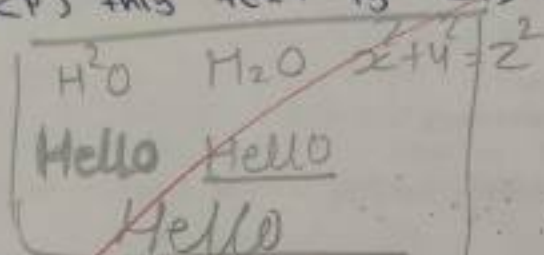
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HTML (g) Bold cmd italic  
~~<P>~~ this text is <b> bold </b> . <i> italic </i>

Italic

<i> this text is </i> italic </i> . <i> italic </i>

math:-



Conclusion: This experiment demonstrates the use of HTML tags for formatting text by understanding and utilizing these tags effectively you can create more visually appealing and informative web pages

## 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) <sup>
- c) <sup>
- d) <sup>

Subscript and Superscript  
 This is the chemical formula for water  
 The formula for water is  $H_2O$   
 $2^2 + 4 = 2^2$   
 This text is <sup>superscript</sup>  
 This text is <sub>subscript</sub>  
 This text is <b>bold</b>  
 This text is <i>italic</i>  
 This text is <u>underline</u>

Output →



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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: .

<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

(a) text-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 lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title> Enhanced
  HTML Table </title>
</head>
<body>
  <table>
    <tr>
      <th>
        border-collapse: collapse;
        border: 1px solid black;
        margin: 20px;
      </th>
      <th>
        border: 1px solid black;
        padding: 10px;
        text-align: center;
      </th>
      <th>
        background-color: lightgray;
      </th>
    </tr>
    <tr>
      <td>
        <th> Enhanced HTML Table </th>
      </td>
      <td>
        <th> Sr. No </th>
        <th> Name </th>
        <th> Age </th>
        <th> City </th>
      </td>
      <td>
        <tr>
          <td> 1 </td>
          <td> 3 </td>
          <td> Michael Johnson </td>
          <td> 29 </td>
          <td> Paris </td>
        </tr>
      </td>
    </tr>
  </table>
</body>
</html>
```



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</table>  
</tbody>  
</html>

Conclusion: in this experiment, we successfully created a structured data presentation using HTML tables. We learned how to define table structure using the `<table>`, `<tr>`, `<th>`, and `<td>` tags. We also explored the use of CSS to enhance the table's appearance with borders, cell padding, and cell spacing. This knowledge is essential for creating well-structured and visually appealing tables in HTML.

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>

name	age	city
Michael	25	Paris
Johnson	30	New York
David	35	London

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>

Output →

name	age	city
Michael	25	Paris
Johnson	30	New York
David	35	London



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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:

```
<!DOCTYPE html>
<html lang="en">
<head>
```

```
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width,
initial-scale=1.0">
```

```
<title> HTML5 with metadata </title>
```

```
<meta name="description" content="This practical demonstrates the use
of HTML5 and metadata">
```

```
<meta name="keywords" content="HTML5 DOCTYPE, metadata,
SEO, respons">
```

```
</head>
```

```
<body>
```

```
<h2> Welcome to my HTML5 Page! </h2>
```

```
<p> This is a simple webpage to demonstrate the use
of HTML5 and metadata
```

```
</body>
```

```
</html>
```

### Conclusion:

In this experiment we successfully created a basic HTML5 webpage that incorporates the <!DOCTYPE html> declaration and essential metadata tags. The <!DOCTYPE html> declaration informs the browser about the document type and version, ensuring correct rendering. Metadata tags such as charset, viewport, description, and keywords provide crucial information to both search engines and users.

### Post Practical Question:

(1) <!DOCTYPE html> Declaration

This declaration informs the browser about the document type and version of HTML being used.



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(१) meta character tag

o meta charset="UTF-8" specifies the character encoding used in HTML document ensuring correct display of character across different languages and systems

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Welcome to my website

This is main content of the website





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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 lang="en">`

`<head>`

`<meta charset="UTF-8">`

`<meta name="viewport" content="width=device-width, initial-scale=1.0">`

`<title> My resume </title>`

`<style>`

`body {`

`font-family: Arial, sans-serif;`

`margin: 20px; 3`

`h1`

`{ text-align: center;`

`3 section & margin-bottom: 20px; }`

`ul { list-style-type: none;`

`padding: 0; 3`

`margin-bottom: 5px; 3`

`table { border: 1px solid black;`

`padding: 5px;`

`text-align: left; 3`

`tr { background-color:`

`<tbody>`

`<thead>`

`<tbody> <tr> My resume </tr>`

`<tbody> <tr> personal details </tr>`

`</tr>`

`<tr> <td> name: <strong> your name </td>`

`<td> <strong> email: <strong> your email .com </td>`

`<td> <strong> phone: <strong> 451-223-456 </td>`

`<td> <strong> Address <strong> your address </td>`

`</tr>`





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<section> <h2> Education </h2>

<table>  
 <tr>  
 <td> C/V Degree </td>  
 <td> C/V Institution </td>  
 <td> C/V Year </td>  
 </tr>  
 </table>  
 </table>  
 </section>  
 </body>  
 </html>

## Conclusion:

This practical demonstrated the creation of a basic resume webpage using HTML to organize HTML tags like <h2>, <h3>, <table>, and <tr>. We were able to structure the resume into clear sections including personal details, education, skill and experience. This exercise highlighted the versatility of HTML in creating professional documents and online portfolios.

## Post Practical Question:

(1) CSS styling:

- typography: Experiment with different font, font sizes and line spacing to improve readability and create a visually pleasing design
- color: Use a color palette that complements your resume's overall theme and headings

Personal Details: Name: [Name] Email: [Email] Phone: [Phone] Address: [Address]		
Education:		
Degree	Institution	Year
Bachelor's Degree in Computer Science	XYZ University	2020
High School Diploma	ABC School	2018
Skills: HTML CSS JavaScript Python		
Experience:		
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: HTML

<!DOCTYPE HTML>

<html>

<head>

<title>List Example </title>

</head>

<body>

<h2>Ordered List Example </h2>

<p> This is ordered list demonstrates the use of the <ol> 'reversed' attributes to

<ol reversed>

<li>Item5 </li>

<li>Item4 </li>

<li>Item3 </li>

<li>Item2 </li>

<li>Item1 </li>

</ol>

<h2>Unordered List Examples </h2>

<h3>Unordered list with discs </h3>

<p> This unordered list uses the default disc bullet style </p>





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<ul>  
<li> unordered list uses the default style attributes to <li>

<ul style="list-style-type: circle;">

<li> Item A </li>

<li> Item B </li>

<li> Item C </li>

</ul>

</body>

</html>

Conclusion: This experiment successfully demonstrated the effective use of ordered and unordered lists in HTML. By understanding the ol, ul, and li tags along with attributes like reversed and style we can create well structured and visually appealing lists to enhance the presentation of information on web page.

Post Practical Question:

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

a) <ol>

b) <ul>

c) <li>

d) <li>

Answer:

(b) <ul>

Ordered List

1. Item 1

2. Item 2

3. Item 3

4. Item 4

5. Item 5

6. Item 6

7. Item 7

8. Item 8

9. Item 9

10. Item 10

Unordered List

• Item 1

• Item 2

• Item 3

• Item 4

• Item 5

• Item 6

• Item 7

• Item 8

• Item 9

• Item 10

<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

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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>Hyperlink Example</title>
</head>
<body>
  <h2>Hyperlink Example</h2>
  <p>This page demonstrates the use of hyperlinks</p>
  <h2>External link</h2>
  <a href="http://www.google.com" target="_blank">link</a>
  <h2>Internal link</h2>
  <a href="about.html">about us</a>
  <h2>Email link</h2>
  <a href="mailto:your_email@example.com">send an email</a>
  <p>This exercise also demonstrates the following key concepts:</p>
  <ol>
    <li>The use of the <a> tag to create hyperlinks,</li>
    <li>The href attributes to specify the link destination</li>
    <li>The target attributes to control how the linked page opens</li>
  </ol>
</body>
</html>
```

Conclusion: This experiment successfully demonstrated the effective use of hyperlinks in HTML by understanding the <a> tag and its attributes. We can create dynamic and interactive web pages that allow users to navigate between different pages and resources.

#### Post Practical Question:





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1. What are the security implications of using hyperlinks that open in a new tab (i.e., using `target="_blank"`)?

Ans: While using the `target="_blank"` attribute can be convenient for user it can also introduce security risk if not implemented carefully. Here are some potential security implications.

2. How would you create an anchor link that scrolls to a specific section of the same webpage?  
Ans:

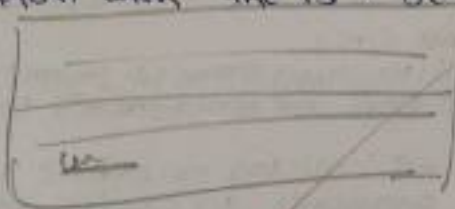
(1) Give `id` to section

`<h2 id="section1">Section 1</h2>`

(2) Create anchor ~~link~~

`<a href="#section1">Go to section 1</a>`

When a user clicks this link the browser will automatically scroll to the section with the `id="section1"`



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Marks out of 10	

Example  
External link

`<a href="http://www.google.com">`

Internal link

`<a href="#section1">`

Internal link section  
this is an internal link section

Link with target attribute

`<a href="#" target="_blank">`

Hyper link





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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 Example</title>
</head>
<body>
<h1>Image Example</h1>
<h2>Basic image</h2>

<h2>Image Alignment</h2>
<p>Left-aligned image:</p>

<p>Right-aligned image:</p>

<h2>Linked Image</h2>
<a href="https://www.example.com">

</a>
</body>
</html>
```

Conclusion:

This experiment successfully demonstrated the effective use of an image tag and attributes in HTML. By understanding the `<img>` tag and its attributes, we can incorporate images into our web pages to enhance visual appeal and user experience.

Image tags  
Image tags  
Image with width and height  
Image with alt text  
Image with alignment  
Image as a link  
Link to Example.com

`<img>`



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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

(a) alt

Answer:

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

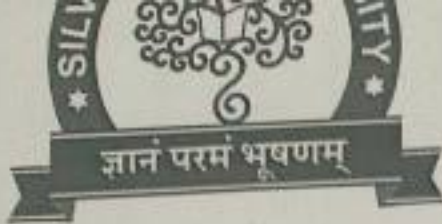
- a) Using the <figcaption> tag inside the <figure> tag
- b) Using the <caption> tag
- c) Using the alt attribute
- d) Using the <label> tag

Answer:

(a) Using the <figcaption> tag inside the <figure> tag

Signature with Date of Completion	
Marks out of 10	





## 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:

```
<!DOCTYPE html>
<html>
<head>
<title> Table Example</title>
```

```
</head>
<body>
<h1> Table Example</h1>
<h2> simple table</h2>
<table>
  <caption> simple table</caption>
  <tr>
    <th> column 1</th>
    <th> column 2</th>
    <th> column 3</th>
  </tr>
  <tr>
    <td> Row 2, cell 1</td>
    <td> Row 2, cell 2</td>
    <td> Row 3, cell 3</td>
  </tr>
</table>
<h2> nested table</h2>
<table>
  <caption> nested table</caption>
  <tr>
    <td> cell 1</td>
    <td> <table>
      <tr>
```





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`<th>` nested table header `<th>`  
`<th>`  
`<th>`  
`<th>` nested table cell `<th>`  
`<tr>`  
`<table>`  
`<td>`  
`<td>` cell 3 `<td>`  
`<tr>`  
`<table>`  
`<tbody>`  
`<tr>`

**Conclusion:** This experiment successfully demonstrated the effective use of table tags and attributes in HTML. By understanding the `<table>`, `<tr>`, `<th>`, and `<td>` tags along with attributes like border, cell padding, align, valign, and bgcolor, we can create well-structured and well-visually appealing tables to organize and present data on web pages.

Table Example - 2

Student Information		
Name	Roll No	Mark
Alice	101	95
Bob	102	88
Charlie	103	92

NESTED TABLE  
Example - 3

Subject	Mark
Math	Test 1: 85
	Test 2: 90

## Post Practical Question:

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

Ans: **Separation of concerns:** CSS allows you to separate the structure from the presentation making your code more organized and easier to maintain.

**Reusability:** CSS styles can be applied to multiple elements reducing redundancy and making it easier to update the appearance of your tables.

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

Ans: **Clear headings and labels:** Use clear and concise headings to label each section of the table. This helps users understand the table structure and quickly find the information they need.

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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:

HTML  
<!DOCTYPE html>

<html>  
<head>

~~<title> Frameset Example </title>~~

</head>

<frameset rows = "20%, 80%">

<frame src = "navigation.html" name = "navframe" scrolling = "no">

<frame src = "content.html" name = "content frame">

</frameset>

</html>

~~Navigation menu~~

<ul>

<li><a href = "content.html" target = "content frame">Content</a></li>





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(ii) < a href = "content1.html" target = "contentframe" > content1 < /a > < /li >  
 (ii) < a href = "content2.html" target = "contentframe" > content2 < /a > < /li >  
 (ii) < a href = "content3.html" target = "contentframe" > content3 < /a > < /li >

/or/

Conclusion: This experiment successfully demonstrates the use of framesets and frames in HTML by understanding the frameset and frame tags along with their attributes we can create structured web pages with multiple frames each displaying different content.

frameset  
navigation menu →

Post Practical Question:

Content 1
Content 2
Content 3

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

Ans: While frames were once commonly used for web page layout they have several drawbacks in modern web development.

① poor SEO: Search engine have difficulty indexing and ranking website that use frames as they can make it harder to understand the page structure and content.

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

Ans: While frames can pose security and compatibility challenges here are some strategies to mitigate these issue.

① Security Headers: implement security header like content security policy to protect your website from cross site scripting and other attacks.

② Frame-buster techniques: use javascript or server side techniques to prevent your website from cross site scripting malicious website.

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Store </p>  
</body>  
</html>

Conclusion: This HTML code creates a basic online jewelry shopping interface using the frames. Users can navigate through different categories of jewelry by clicking on the menu items. The selected category's content will be displayed in the main content area.

Jewelry Shop... Shop

• Necklaces  
• Bracelets  
• Rings  
Welcome to our Jewelry Shop  
Design your jewelry shop

## Post Practical Question:

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

Ans: JavaScript and CSS animations can significantly enhance the user experience of an online jewelry shopping website. Here are some ways to integrate them:

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

Ans: Responsive is crucial for ensuring a seamless user experience across different devices. Here are some key strategies: optimize image for different screen resolution to reduce load time and improve performance.

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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>Online Exam Registration Form</title>
<link rel="stylesheet" href="styles.css">
</head>
<body>
<h3>Online Exam Registration Form</h3>
<form action="process_form.php" method="post">
  <label for="name">Name: </label>
  <input type="text" id="name" name="name" required />
  <label for="course">Course: </label>
  <select id="course" name="course" required>
    <option value="">Select course required
    <option value="B.Tech">B.Tech</option>
    <option value="M.Tech">M.Tech</option>
    <option value="MBA">MBA</option>
  </select>
  <label for="exam_date">Exam Date </label>
  <input type="date" id="exam_date" name="exam_date" required />
  <label for="notes">Additional notes: </label>
  <textarea id="notes" name="notes"></textarea>
  <input type="submit" value="Submit">
</form>
</body>
</html>
```





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Conclusion: this html code creates a online basic exam registration form it includes essential form elements and basic validation to ensure that users provide accurate information. You can further customize the form by adding more fields validation rules and styling using CSS.

Post Practical Question: FORM OUTPUT

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

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

Answer: b) <form>

Online Exam Registration Form

Name:

Email:

Phone Number:

Date of birth:

Gender: ☐ Male ☐ Female ☐ Other

Course:

Address:

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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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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## EXPERIMENT NO: 13

Aim: Create a Web page to display your resume.

`<!DOCTYPE html>`

`<html>`

`<head>`

`<title>Tushar Aob - Resume </title>`

`<style>`

`body { font-family: Arial, sans-serif;`

`margin: 20px; }`

`h2 { text-align: center;`

`section { margin-bottom: 20px; }`

`h2 { margin-bottom: 20px; }`

`ul { list-style-type: none; padding: 0; }`

`li { margin-bottom: 5px; }`

`</style>`

`</head>`

`<body>`

`<h2>Tushar Aob </h2>`

`<section>`

`<h3>Summary </h3>`

`<p>A concise summary of your skills, experience, and </p>`

`</section>`

`<section>`

`<h3>Experience</h3>`

`<ul>`

`<li><strong> Job Title </strong>`

`<br>`

`Company name, Location`

`<br>`

`Start date - End date`

`<ul> <li> key responsibility 1 </li>`

`<li> key responsibility 2 </li>`

`<li> key responsibility 3 </li>`

`</ul>`

`</li>`

`</li>`

`</section>`

`<section>`

`<h3>Education </h3>`

`<ul>`

`<li>`

`<strong> Degree name </strong>`

`<br>`

`Uni. name, location`

`<br>`

`Year of graduation`

`</li>`

`</li>`

`</section>`

`<section>`

`<h3>Skills </h3>`

`<ul> <li> Skill 1 </li>`

`<li> Skill 2 </li>`

`<li> Skill 3 </li>`

`</ul>`

`</section>`

`</body>`

`</html>`





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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:

my resume

<b>Personal details</b> Name: Vishal Voh Email: 7934@gmail.com Phone: 9876543210 Address: Surath		
<b>Education</b>		
<b>Degree</b> Technical Degree in CS	<b>Institution</b> SOU University	<b>Year</b> 2020
High School : diploma	SOU School	2017
<b>Skill</b> HTML CSS JAVAS PYTHON JavaScript		
<b>Experience</b> Software Engineer Company : Google Start Date : 2021 End Date : 2023		

## Conclusion:

This HTML code provides a basic structure for a personal resume website. It incorporates essential sections like personal details, education, work experience, and skills by utilizing HTML tags and CSS styles. You can create a well-formatted and visually appealing resume.

## Post Practical Question:



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

Ans:

(1) project details (2) skill demonstration (3) ~~downloadable~~ section (4)

(2) downloadable section: (1) pdf download (2) specific section downloads

(3) interactive elements: (1) animated timeline (2) interactive map (3) skill meter

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

Ans:

(1) use a consistent template

(2) utilize CSS

(3) test across devices

(4) version control

(5) cloud-based tools

(6) regular reviews

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### 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:

```
<!DOCTYPE html>
<html>
<head>
<title> Experiment 14: Lists
</head>
<body>
<h2> Ordered List Example
<ol type="a">
<li> Item 1 </li>
<li> Item 2 </li>
<li> Item 3 </li>
</ol>
<h2> Unordered List Example
<ul style="list-style-type: none;">
```

Conclusion:

```
<li> Apple </li>
<li> Banana </li>
<li> Cherry </li>
</ul>
</body>
</html>
```

This practical exercise demonstrated the effective use of `<ol>`, `<ul>`, and `<li>` tags to create ordered and unordered lists respectively. By exploring various attributes such as `type` for ordered lists and `list-style-type` for unordered lists, we were able to customize the appearance and structure of lists on a web page.



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## Post Practical Question:

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

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

Answer:

(c) 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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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

-> ordered list

Normal list  
1 item 1  
uppercase letter list  
A item A  
Lowercase letter list  
a item a  
Normal numeral list  
1 item 1  
Lowercase numeral list  
1 item 1

Right

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->

Unordered list

Disc Bullets  
• item 1  
Square Bullets  
■ item 1  
Circle Bullets  
○ item 1