

#### **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:



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Conclusion: This experiment highlights Anhow css can be applied to modify the appearance of un HTML document, enhancing its visual appeal by altering buckground and text colors.

#### Post Practical Question:

- Ans: Use css background image : wat ( puth 1 to layer 1 images) How can you apply different background images instead of a color to your webpage? your webpage
- 2. How would you change the colors dynamically using JavaScript?

Ans: Use "color"; Junu script to change. the background document body style buckground color on conscelly

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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:

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

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Procedure:
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                                                                                             CP> This is (b) bold (16) text and this is (i) italic (i)
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                                                                                                                                                                                                             (hi) Demonstrating Text Formatting Uhi)

Les This is (sub) subscript (Isub) text and (sup) suproduce)

Hext. (1P)
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                                                                           text. </19>
```



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Conclusion: HTML formatting tugs like (sub), (sup), (b) fix and the align attribute to style and position text effectively in a document. This experiment demonstrates the use of basic

#### 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>

cot sup> d) <=>



## ERS

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

a) This is centered text
+b) This is centered text

c) style="center">This is centered text
d) sp text-align="center">This is centered text

#### Answer:

= "center > this contexed text <1P>

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

a) <b>
b) <br/>
c) <u>
d) <strong>

Answer: < Strong> d 4 V

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:

Toitalicize The

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

a) <>> b) <b>

d) <sub> c) <u>

Answer:



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

a) text-align
b) align
c) style
d) font-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 , , , , and 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.

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Procedure:
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## VERSI

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(/hible) (4+) (+d) Alex (/fd)

C. Spod &

Post Practical Overtion:
1. Which tag is used to create a table in HTML? table in 11th wing (table), (tr), (th), and clds tags. Enhancements like.

- a)

Answer:

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

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

Answer: A table noa

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

a) >

b) >

c) <header>

d) <cell>

Answer:



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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: Louption>

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

- a) borderb) border-style
- c) frame
  d) cellpadding

Answer: 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: (1,00CTYPE html) ( html 'lang = "Ch") (head) Her metadeta Example (14:He) I meto name = "viewport" Content" width = device - width, 1 meter name = "author" content = "Your Name") smetas charset = "u181 - 8"> (mc to "name = "1/cy woods" Content = "HTML, Metadata, SEO") ( meta name = "description" content = This is a practice webpose") ikitial - scale = 1.01)

Whead

( body ? this metadata Example Page LIhis (P) This webpage demostrates the use of metadata togainHTM CIPY

</html>

Conclusion:

viewport. Mchaduta is essential for SEO and improving the webpage's in HTML to define the character set, description, key words, author, and responsiveness and visibility. This experiment demonstrates theuse of metadata tags (conetas)

Post Practical Question:



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## **EXPERIMENT NO: 5**

Aim: Create a Web page to display basic your resume

#### Description:

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

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Procedure: (I DOCTYPE html)
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(th) Rule (14)
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                                                   Intern (/td>
                                   2019-2020 (1+1)
```



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(A) contact (1h) to reach out via consil apphone

</body>

headings, prographs, list, and tubles to create abasic resume webpage. The structured format allows cosy automization and is ideal for personal or professional use. Conclusion: This experiment demonstrates the use of HTML togs e by any apparaturation (19)

MI tags Such as resonal ideal for personal ideal ideal for personal ideal ideal for personal ideal idea

Post Practical Question:

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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 () and unordered () lists in HTML. The 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.

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(Gols) and unordered (Kuls) lists with their respective attributes (type) for customization. The experiment demonstrated how touse ordered

Post Practical Question:

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

a) <01>

b) <u1>

Answer:

- 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

1134

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

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



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

Answer: HPE

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

a) a) b) i> c) d) d) d)

Answer:

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

a) style b) type

c) numberingd) format

Answer: 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) (/body) ( body) LI DOLTYPE html > (head ) (Hitle) Hyperlink ヘトナスーン (/head) CP) This is Section 1 of the unobpage. (19) chatid = " Section 1"> Section 1 (143) (a hort =" # section 1" ) Go to Section 1 (la) (ba) Chis Hyperlink Example Whas (P) click the links below to navigate: <119> Example (14Hle)

heel for linking and target for controlling how links (custag) for both internal and external navigation with attributes like Conclusion: The experiment demonstrated he use of hyperlinks Open

Post Practical Question:



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

Ans: Phishing cuttocks, tab - mabbing, cross-site scripting private concerns. Hijaking, madwell Distribution

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

Ans: < a haret = "# + Larget - Section" > Goto Turget section dla>

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## ERSITY

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**EXPERIMENT NO: 8** 

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

covers image alignment and linking an image to another page using the <a> tag. 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

```
Procedure:
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(/html)
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                                                                                                                                         cimg Src = "Imge . ipg "alt = "clickable Image" width =
"1150" height = "100">
```

also demonstrated linking an image using the (a) tag and applying The experiment show cased the use of the rings tag to display images with attributes like src, alt, width, and height. It alignment techniques.



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: < imy

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

a) source b) src

c) href

d) file

Answer: Sac

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: 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 <1abe1> tag

Answer: using the <figcaption > tag inside the <figure > tag

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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 , , , and tass.
- 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 tag.
- 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
- between the table cells. 7. Use the cellpadding and cellspacing attributes to adjust the spacing inside and
- 8. Create a nested table by inserting one table inside another table's cell.

#### Description:

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

```
Procedure:
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(/table) > ( to ) 2 , ( ol ) < / to ) < td>> ( to ) 2 , ( ol ) (Hd) Row 2, (1) 3 (1+d)

1/6.dy>

with rows, columns, captions, bootders, and a nested using HTML tags effectively. Conclusion: The experiment demonstrated weating a styled be table

#### Post Practical Question:

- Biken & flexibility, Euse of maintenance, per formance Ans: Spsepartion What are the benefits of using CSS to style tables instead of inline HTML attributes? , Eusieh collaboration COAce ans , Resubility . Consitency
- How would you handle large tables with many rows and columns to improve readability and usability?

Header Re sponsive Ans: Pagination , Infinite scrolling, sorting and fitering 265 colums, Design Highlighting Important Data, sticky coll upcible - rows or Section

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## ERSIT

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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.
- another frame using the target attribute in the <a> tag. 5. Create a navigation menu in one frame and display the corresponding content in

#### 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.

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                                                                                                          page 1. html "target =
                                                                                                                  "content"> page 1 (/a) < b>>
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chas welcome to the content trame (143) (P) Select aline from the menu. (18) the content frame (143)

(/b.dy)

using the target attribute. Attributes like (ols, frameborder, and mazzini - dth were effecitively utilized. (frame) tags to create a webpage with two frames. The navigation (ハナー) The experiment demonstrated the use of eframeset > and frame linked to content displayed in another frame

Shoping website implement images cadding 1. What are the drawbacks of using frames in modern web development, and what alternatives exist? tuposed un e mhance users experince to a shoping Javascript per agnamic pecture recutime. on the seveluet updutes

sizes and Image 1 mp loment tublate devices ess How can you handle issues related to frame security and browser compatibility? make a flriblegrib the shopping divisions quesies website for mobile and based to udiust 03 Screen width element, font

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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 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.

( DOCTYPE L+m1)

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(11) (a href="cassings.html" target="content") farrings (1a) (111)
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(/html>

conclusion: The webpage design uses frames to separate the ensures a user-friendly navigation experience meny, header, boter, and content dynamically. This for an online jewelay shopping platform.

Post Practical Question: How would you enhance the user experience by integrating JavaScript or CSS animations in your

Shopiny Ans: to jewelry shopping website? web site enhance users experience on the implement Juvascaipt sewedury

Sa c Ans: To How can you make your shopping website responsive for mobile and tablet devices? tublet make. devices the shoping CSS SAKONO website 407 mobile

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## ZIVERS

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

#### Description:

submission, and user interaction on a webpage. 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

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online exam registration form, utilizing essential HTML elements. it ensures user interaction and enables data Submission with validation features like required fields. code demonstrates a busic structure for un essential HTML form

#### Post Practical Question:

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

a) <input>

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
- d) enctype

Answer: 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:

人一ろす JART text



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- Which CSS property would you use to change the background color of the form?
- a) color
  b) background
- c) bgcolor d) background-color

Answer: backyround 20/02

5. What is the purpose of the <1 abe 1> tag in a form?

- a) To create a text inputb) To provide a clickable area for form controls
- c) To define a form sectiond) To display error messages

Answer: 7 6 Provide cli chable noch rof form Pt controls

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

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

Answer: ma agin

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: 3 cadding Parin bas form



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Marks out of 10



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EDUCATION TO INNOVATION

## **EXPERIMENT NO: 13**

Aim: Create a Web page to display your resume.

< IDOCTYPE html>

```
</body>
                                                                                                                                                                                                                                                                                           (/head)
                                                                                                                                                                                                                                                                             (Rpod)
                                                                                                                                                                                                                                                                                                     Thead? THEY My Resume CHitles
                                                                                                                                                                                                                                                                                                                               (html)
                            1141>
                                                                                                                                          (11) Intern at Codeworks (2014-2020) (/11)

    (11) Software Developer at Techcorp (2020-Present) (11)

                                                                                                                            (hz) Skills (hz)
                                                                                                                                                                                                     Chas Education (1/42)
                                                                                                                                                                                                                         (P> Date of Birth: January 1, 1990(br) Address: 123, Main
                                                                                                                                                                                                                                          that Personal Details (1/42)
                                                                                                                                                                                                                                                        < P> Emui
                                                                                                                                                                                                                                                                   (41> John Doe (/hi)
                                                    (11) Tools: Wit, VS code (/11)
                                                                                                                                                                                                                                                     John doe @ example. com Phone: +12 3456.7840
                                                                                                      Javascript
```

Whim!>



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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>, , <u1>, and . This showcases how HTML can be used to create professional online resumes.

Procedure:

resume wing HTML elements to format sections like personal details, education, work experience, and skills, highlightings how to use HTML elements to format sections like personal tor protessional dacum ents.

Post Practical Question:



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could allow userstocasily saves or print a copy. Sections, such Ans: The mein windows or downloadable sections? What enhancements can you add to make the resume more interactive, such as using modal page Impetementing down leadable as a par version of the resume

How would you update your resume in the future while maintaining consistency and formatting across devices? track chases and , utlize a neistan

Efficiently

, Ensuring

a consiste formate overtime

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3

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 <01> and <u1> 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:
                                                                                                                                                                                                                                       CIDOCTYPE HEMIX
                                                                                                                                                                                                                             くれかしと
                                                                                                                                                                                                   </kead>
                                                                                                                                                                                                             < head > (HHIe) ordered and unordered Lists (/HHIe)
                                                                                                                                                                               (body) chasurdered Lists (/ha)
             (/body)
ヘノストのノン
                      (/ul) PINT 6 (/li)
                                                                                           (h2) unoodered List (h2)
                                                                                                                                                                (ol. type = "A">
                                                112 Point A (12)
                                                                           style = "List - style - type: Square; ">
                                                                                                                           Lli> Item 3 (/11)
                                                                                                                                      (11) Item 1 </11>
```

Content on bullet points and ordering types, to effectively organize lists with different styles and attributes, such as custom Conclusion: This code illustrates the use of pardered and unordered a web page.



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Post Practical Question:

- 1. Which tag is used to create an ordered list in HTML?
- a) <u1>
  b) <11>
  <01>

Answer: (01)

- 2. What attribute can you use to specify the starting number of an ordered list?
- a) start b) type
- c) value d) number

Answer: mumber

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

- a) <item>
  b) <list-item>

- d) <element>

Answer: < L; >

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

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

Answer: None



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5. Which attribute can be used with the <01> tag to change the numbering style of the list?

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

Answer type