## Web Technology

(CIA 1 Component)

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Q. Create at least 3 webpages about an ACADEMIC CONFERENCE containing the following tags:

- 1. Image
- 2. List
- 3. Table and formatting
- 4. Hyperlinks
- 5. Frames
- 6. CSS

and explain the functions of each tag used in the designing.

Ans:: A lot of tags are used in designing the website, such as::

- 1. <!DOCTYPE>: this tag defines the document type.
- 2. <head>: this tag contains metadata or information related to the document.
- 3. <body>: defines the html's body. it contains all the contents of an HTML document, such as headings, paragraphs, images, hyperlinks, tables, lists, etc... There can only be one body tag in the entire html document.
- 4. <style>: used to define style information (CSS) for a document.
- 5. <title>: to write the title of the page.
- 6. <h1>,<h2>....<h6>: these are the heading tags.
- 7. <b>: bold tag.
- 8. <i>: italic tag.
- 9. <u>: underline tag.
- 10. ul>: used to create an unordered list.
- 11. 
  used to create an ordered list.
- 12. : list items.
- 13. <br>: used for adding a line break.
- 14. <div>: defines a section or division in the document.
- 15. <img>: to add an image to the document.
- 16.  $\langle \mathbf{p} \rangle$ : paragraph tag used to add paragraph to the document.
- 17. <button>: used to add a button.

- 18. : defines a HTML table.
- 19. : defines a row of cell in a table.
- 20. : defines the data cell header.
- 21. : defines the data cell element.
- 22. < link>: defines the relationship between the current document and an external resource.

This tag is often used to link to external style sheets or to add a favicon to the website.

- 23. <a>: defines a hyperlink, which is used to link from one page to another. The most important attribute of the element is the href attribute, which indicates the link's destination.
- 24. <form>: is used to create an HTML form for user input.
- 25. <frameset>: used to define a frameset.
- 26. <frame>: is used to define one particular window (frame) within a <frameset>.

## <u>Screenshots</u>::







