S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT & RESEARCH, NAGPUR.

3/3

Practical No. 1

Aim: Understand and apply tags (basic, attribute and list) of HTML and create an Invitation Letter by using Notepad/VS Code.

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AIM: Understand and apply tags (basic, attribute and list) of HTML and create an Invitation Letter by using Notepad/VS Code.

OBJECTIVE/EXPECTED LEARNING OUTCOME:

The objectives and expected learning outcome of this practical are:

• To apply the knowledge of basic HTML tags.

• To apply the knowledge of attribute tags.

• Able to design the Invitation Letter.

THEORY:

□ HTML

- HTML stands for Hyper Text Markup Language
- HTML is the standard markup language for creating Web pages
- HTML describes the structure of a Web page
- HTML consists of a series of elements
- HTML elements tell the browser how to display the content
- HTML is client side scripting language.

□ Tags

- The <!DOCTYPE html> declaration defines that this document is an HTML5 document
- The <html> element is the root element of an HTML page
- The <head> element contains meta information about the HTML page
- The <title> element specifies a title for the HTML page (which is shown in the browser's title bar or in the page's tab)
- The <body> element defines the document's body, and is a container for all the visible contents, such as headings, paragraphs, images, hyperlinks, tables, lists, etc.
- The <h1> element defines a large heading
- The <p> element defines a paragraph
- The <u> element defines a underline.
- The <i> element defines a italic.

- The <b> element defines a bold.
- The <strike> element defines for cancel the statement or word.
- The <hr> element defines a horizontal line.
- The <br> element defines a break.
- The <p> element defines a paragraph
- The <center> element to make a paragraph, letter, digits and words in center.
- The <marquee> element to scroll the sentence, word etc from left to right.
- The <mark> element to highlight the word.

Attribute Tags

- HTML attributes provide additional information about HTML elements.
- All HTML elements can have attributes
- Attributes are always specified in the start tag
- Attributes usually come in name/value pairs like: name="value".

Lists

- Ordered List
- Unordered List
- Defines a list item
- Defines a description list <dl>
- Defines a term in a description list <dt>
- Describes the term in a description list <dd>

CODE:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Invitation Letter</title>
</head>
<body style="background-color:antiquewhite;">
  <b><h1  style="color:coral;"><center>Computer  Science  Lab  inaugration
invitation to Chief Guest</center></h1></b>
```
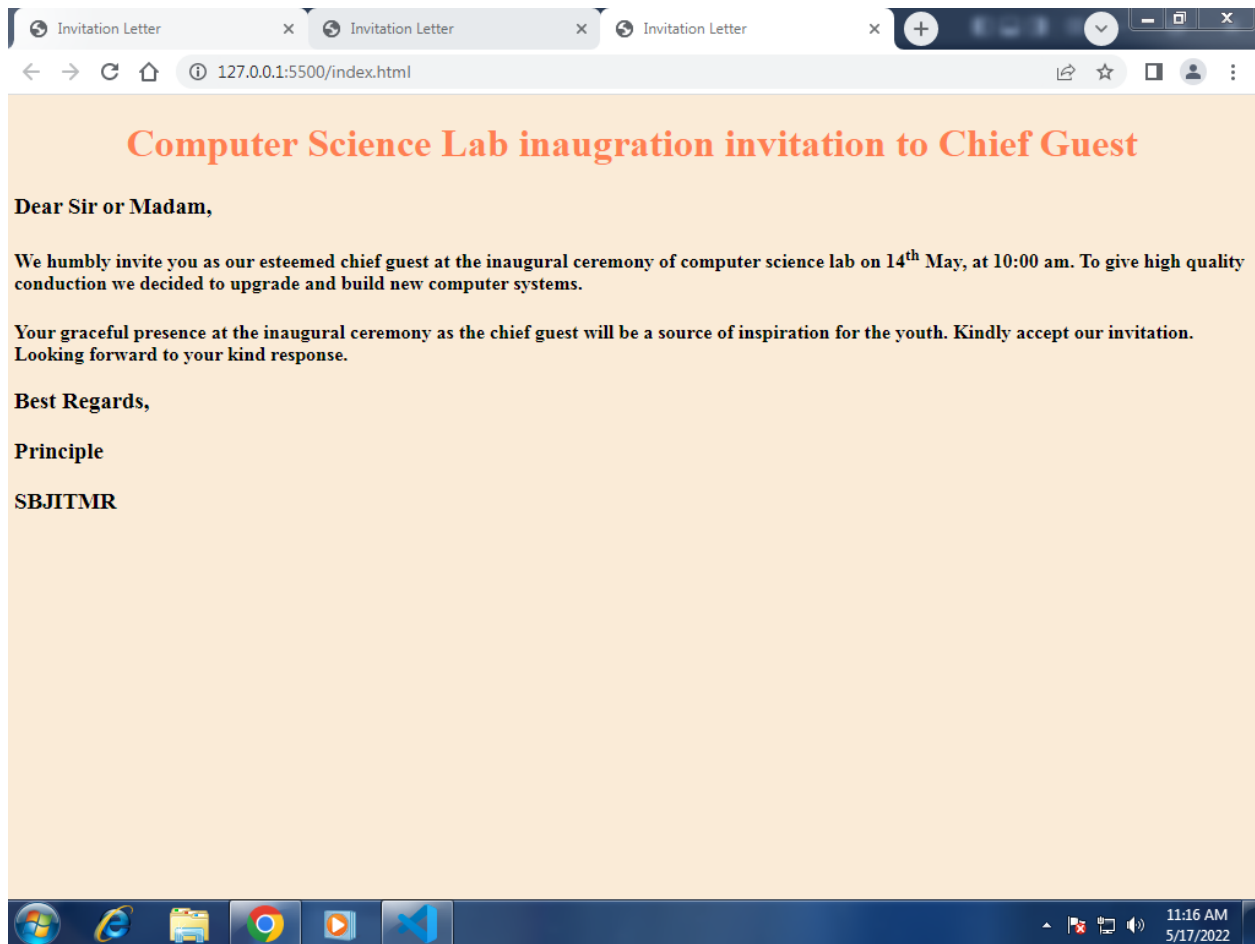
```html
<h3>Dear Sir or Madam,</h4>
<p><h4>We humbly invite you as our esteemed chief guest at the inaugural
ceremony of computer science lab on 14<sup>th</sup> May, at 10:00 am. To
give high quality conduction we decided to upgrade and build new computer
systems.</h4></p>
<p><h4>Your graceful presence at the inaugural ceremony as the chief guest
will be a source of inspiration for the youth. Kindly accept our
invitation. Looking forward to your kind response.</h4></p>

<b><h3>Best Regards,</h3></b>

<b><h3>Principle</h3></b>
<b><h3>SBJITMR</h3></b>




</body>
</html>
```

OUTPUT/SCREENSHOTS:

CONCLUSION: In this task we created an inauguration letter using tags in HTML.

DISCUSSION QUESTIONS:

• What is HTML and who discovered it?

• What are the attribute tags and what is it's syntax?

• Do all HTML tags have an end tag?

• What is the types list in HTML?

• What are tags used for to describe any items?

REFERENCE:

- *https://www.w3schools.com/TAgs/default.asp*

- *https://www.youtube.com/watch?v=88PXJAA6szs*

- *https://www.tutorialspoint.com/html/html_lists.html*

- *https://www.geeksforgeeks.org/html-attributes*