Experiment No: 1

Create your resume using HTML (Suggested sections of resume are Personal Information, Educational Information, Professional Skills, Experience, Achievements, Hobbies), Experiment with text, colors, link and lists.

Date:

Competency and Practical Skills:

Relevant CO: 1

Objectives:

1. To understand HTML Page Structure.
2. To understand how to use HTML tag attributes.

Theory:

HTML:

- HTML stands for Hypertext Markup Language

- It is used to display the document in the web browser

- Hypertext is simply a piece of text that works as a link

- Markup Language is a way of writing layout information within documents

HTML Document Structure

- HTML Document consists of three main parts

  o DOCTYPE declaration

  o \<head\> section

  o \<body\> section

```
<!DOCTYPE html>
<html>
<head>
        <title>Page Title</title>
</head>
<body>
<h1> Hello World </h1>
</body>
</html>
```

- DOCTYPE specifies the document type. the document type is specified by the Document Type Definition (DTD).

- \<head\> section is used to specify title of the page using \<title\> tag. It is also used for adding external css and javascript files to html document.

How to save and check output

- Editors like notepad, notepad++, sublime text, visual studio code can be used to write html code
- Save html document file with .html extension
- To check output open html document with browser like google chrome, Microsoft edge, Firefox etc.

HTML Formatting Tags

- text - for making the text bold.
- text - for making the text Important text
- <i> text </i>- for making the text Italic text
- text - to make the Emphasized text
- <mark>text </mark>- to make the text Marked text
- <small> text </small>- to make the text Smaller text
- ~~text~~ - to make the text Deleted text
- <ins> text </ins>- to make the text Inserted text
- <sub> text <sub>- to make the text Subscript text
- ^{text}- to make the text Superscript text
- <h1> to <h6> tags – for making Headings
- Font Color (Hello) – to change font color
- Font Size (Hello) – to change font size

HTML List Tag

- HTML List allow web developers to group a set of related items in lists

- **Unordered HTML List**

    o Starts with <ul> tag list item starts with <li> tag

    o Lists items will be marked with bullets

    o Example

```
<ul>
 <li>C</li>
 <li>C++</li>
 <li>Java</li>
</ul>
```

- **Ordered HTML List**

    o Starts with <ol> tag. Each list item starts with the <li> tag.

    o Lists items will be marked with numbers by default

```
<ol>
  <li>Apple</li>
  <li>Mango</li>
  <li>Banana</li>
</ol>
```

- **HTML Description Lists**

    o A description list is a list of terms with a description of each term.

    o <dl> tag defines the description list, <dt> tag defines the term (name) <dd> tag describes each term

```
<dl>
  <dt>CE</dt>
  <dd>- Computer Engineering</dd>
  <dt>IT</dt>
  <dd>- Information Technology</dd>
</dl>
```

Implementation:

Create your resume using HTML (Suggested sections of resume are Personal Information, Educational Information, Professional Skills, Experience, Achievements, Hobbies), Experiment with text, colors, link and list.

(Source Code)

Output:

Conclusion:

Quiz:

1. Explain HTML Document Structure.

2. List and explain any five HTML formatting tags.

3. Explain ordered and unordered list with example.

Suggested Reference:

- https://www.w3schools.com/html/html_basic.asp
- https://www.w3schools.com/html/html_lists.asp
- https://www.w3schools.com/html/html_formatting.asp

References used by the students:

Rubric wise marks obtained:

Rubrics	1	2	3	Total
Marks				