

# Experiment - 1

## **Aim :-**

Create a Web Page for Course Curriculum: Use of Headings, Paragraphs, Bold, Italic, Underline, and Special Characters, Ordered List, Unordered List, Description List, Nested List, and Mixed Lists.

## **Objectives :-**

1. To design a simple course curriculum webpage using HTML.
2. To practice the use of basic text formatting tags (bold, italic, underline, special characters).
3. To learn the implementation of ordered, unordered, description, nested, and mixed lists.
4. To understand webpage content structuring using headings and paragraphs.

## **Tools Required :-**

- Computer / Laptop with any OS
- Text Editor (VS Code, Sublime Text, Notepad++)
- Web Browser (Chrome, Edge, Firefox)

## Code Implementation :-

### Index.html

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Document</title>

</head>

<body>

  <h1 style="text-align: center">Introduction</h1>

  <p>welcome to course curriculum. This page demonstrate the use of <i>HTML</i> formating,
  <u>list</u>, and special
    characters such as &copy;, &lt; , &gt; .</p>

  <h2>Semester 1 Subjects</h2>

  <ol>

    <li>Mathematics-I</li>

    <li>Computer Fundamentals</li>

    <li>Programming in C</li>

    <li>Basic Electrical Engineering</li>

  </li>

  <h2>Programming Languages</h2>

  <ul>

    <li> C</li>

    <li> C++</li>

    <li> Java</li>

    <li> Python</li>

    <li> JavaScript</li>

  </ul>

  <h2>Course description</h2>

  <h3>C Programming</h3>
```

<p>Learn basic of C language including loops, arrays and functions.</p>

<h3>java</h3>

<p>Introduction of Object Oriented Programming concepts.</p>

<h3>Python</h3>

<p>Learn scripting language for data analysis and web development.</p>

<h3>JavaScript</h3>

<p>Learn client side scripting for interactive web pages.</p>

<h2> Course Module</h2>

<ol>

<li> Module 1: Basics</li>

<ul>

<li>Introduction</li>

<li>History of Computer</li>

</ul>

<li> Module 2: Programming Fundamentals</li>

<ul>

<li>Variables and Data Types</li>

<li>Control Structures</li>

</ol>

<h2>Programming Work</h2>

<ul>

<li>Web Development</li>

<ol>

<li>HTML</li>

<li>CSS</li>

<li>JavaScript</li>

</ol>

<li>Database</li>

<ol>

<li> My SQL </li>

<li>MongoDB</li>

</ol>

</ul>

</body>

</html>

## Output :-

# Introduction

welcome to course curriculum. This page demonstrate the use of *HTML* forming, list, and special characters such as ©, <, > .

## Semester 1 Subjects

1. Mathematics-I
2. Computer Fundamentals
3. Programming in C
4. Basic Electrical Engineering

## Programming Languages

- C
- C++
- Java
- Python
- JavaScript

## Course description

### C Programming

Learn basic of C language including loops, arrays and functions.

### java

Introduction of Object Oriented Programming concepts.

### Python

Learn scripting language for data analysis and web development.

### JavaScript

Learn client side scripting for interactive web pages.

## Course Module

1. Module 1: Basics
  - Introduction
  - History of Computer
2. Module 2: Programming Fundamentals
  - Variables and Data Types
  - Control Structures

## Programming Work

- Web Development
  1. HTML
  2. CSS
  3. JavaScript
- Database
  1. My SQL
  2. MongoDB

**Outcome :-**

- Successfully designed a basic course curriculum webpage.
- Implemented text formatting and different types of lists in HTML.
- Learned structuring and organizing content on a webpage

