**Web Programming**

**Btech SEM:V (20-21)**

**Program 1**

**PART-A**

**A.1 Aim:**

Create a static web pages using HTML that has

1. Home Page

2. Registration page

3. Contact Us page (optional)

**A.2 Prerequisite:**

There are no prerequisites as such to learn and implement HTML.

**A.3 Outcome:**

After successful completion of this experiment students will be able to

1. Understand the basic Technique in building a static web application using HTML

2. Implement basic tags of HTML

3. Understand usage of basic editor like Sublime Text 2 or 3

**A.4 Theory:**

A website is a collection of web pages. A web page holds some useful content along with images, videos, audio, animations, links to other pages and so on. These web pages are created with HTML. When executed, web pages open in browser and browser interprets HTML code and displays information.

HTML stands for Hyper Text Markup Language. It is a major language of the World Wide Web. It is simply a collection of **tags < >** that indicate the structure and format of a web document. Tags have **attributes**.

Every Web page when designed with HTML starts with <html> tag.

* This is a basic structure of simple web page. It prints My name is Yourname in browser when executed

**<HTML>**

**<HEAD>**

**<TITLE> This is the Title of my first page**

**</TITLE>**

**</HEAD>**

**<BODY background=”abc.jpg”>**

**<p>Hello Browser </p>**

**<BR>**

**<hr>**

**<B> My Name is**

**<I> Yourname**

**</I>**

**</B>**

**<h1><h2>…..<h6>**

**<img src =”abc.jpg” width=”100” height=100>**

**<a href=”registration.html”>Registration</a>**

**</BODY>**

**</HTML>**

apple

orange

banana

<ul>

<li>apple</li>

<li>orange</li>

</ul>

ordered list

<ol>

<li>apple</li>

<li>

</ol>

<table bgcolor=”red”>

<tr>

<th colspan=”2”>

<td>apple</td>

</tr>

<tr>

</table>

* HTML has many tags like
  + <a href> - To create hyperlink
  + <img>- To embed images
  + <p> - To create paragraph
  + <table><tr><td><th>- To create table and put data in it
  + <form> - To create a form that has text fields, radio buttons, checkboxes…..
  + <Font><b><i>- To create specific font
  + **Many text formatting tags <heading tags><align tags>**
  + **<Border>- to specify border type, size….**

In this program, we will create a minimum of 3 web pages using HTML. Some **mandatory** tags to be implemented are

1. Anchor Tag( a href)

2. P

3. Img

4. Form

5. Table

6. Lists (ul and ol)

**Note: It is left to discretion of students to decide the topic to make static webpages on. Also students are given freedom to learn more tags and implement it much better to improve UI of the web page**

**PART B**

**(PART B: TO BE COMPLETED BY STUDENTS)**

**B.1 Software Code written by student:**

**(Students must paste the code here)**

**B.2 Input and Output**

**(Students must paste input and output here)**

**B.3. Observations and Learning**

**(Students are expected to comment on the output obtained with clear observations and learning for each task/ sub part assigned**

**B.4. Conclusion**

**(Students must write the conclusion as per the attainment of individual outcome listed above and learning/observation noted in Sec. B.3)**