CHAPTER 7 – Fundamentals of HTML

CLASS- VII **PRESENTED BY – KABITA RAKSHIT**

[NOTE DOWN THE CONTENT IN YOUR COMPUTER COPY]

Features of HTML – Hyper Text Markup Language

1. It is used for writing programs to create web pages.
2. A user needs not to be an expert programmer.
3. No need for any specific program compiler for this language.
4. The program may be written in any word document like Note pad
5. It can be opened in any web browser.
6. It is a basic and simple language.

Elements of HTML

1. Html tags – It is a way of representing html elements in a webpage. There are two types of tags, container tag and empty tag.
For example - <Body> ----------</BODY>
2. Html attribute - These are used to describe specific features of html tags . It defines a property for an element ,consists of an attribute value that appears within the start tag .
For example < BODY BGCOLOR = " RED"> ----------</BODY>
Here BGCOLOR is an attribute of BODY.

Html Elements

1. Head element - This portion generally contains information as introduction that are required to display at the top of the documents like heading

2. Title element – This is a container tag, which contains the document title that appears at the title bar of the web page.

3. Body Element - This is a container tag which contains all the other elements except the HEAD element. And it contains the text and images which are contain in the webpage.

Different attribute of body element are

I. BACKGROUND –it is use to set the body background image
II. BGCOLOR – It is use to set the background color of the page
III. TEXT – Is use to set the text color
IV. LINK – Is use the to specify the color of hyperlink page
LINK="YELLOW" means at the beginning it will appear in yellow color

VLINK=”BLUE” means ,if visited it will appear in blue color

ALINK = “RED” means, if the link is active it will appear red color

You may change the color of the attributes

V. ANCHOR TAG WITH HREF ATTRIBUTE – Is use to create a hyperlink .

Types of tags

Container Tags	Empty Tags
1. It contains both the starting and end tags	1. It contains starting tags but no end tags
2.The paragraph tag …….. is an example of container tag	2.The break tag is an example of empty tag

FORMATTING TAGS -

1.Italics element <I> …….</I>
<I> St. Xavier School</I>
Output – *St. Xavier School*

2. Underline element
Input - <U> Computer Science </U>
Output – Computer Science

3. Big element
Input - <BIG> purulia </BIG>
Output – purulia

4. SUB element
Input –H ₂O output - H_2O
Input - H ₂SO₄ output – H_2SO_4

5. SUPER element
INPUT – a<SUP>2</SUB> + B₂ output - $a^2 + b^2$

6.HORIZONTAL BAR
<HR SIZE =4> - Set the thickness of the horizontal line
<HR WIDTH = 100%> - Set the width of the page

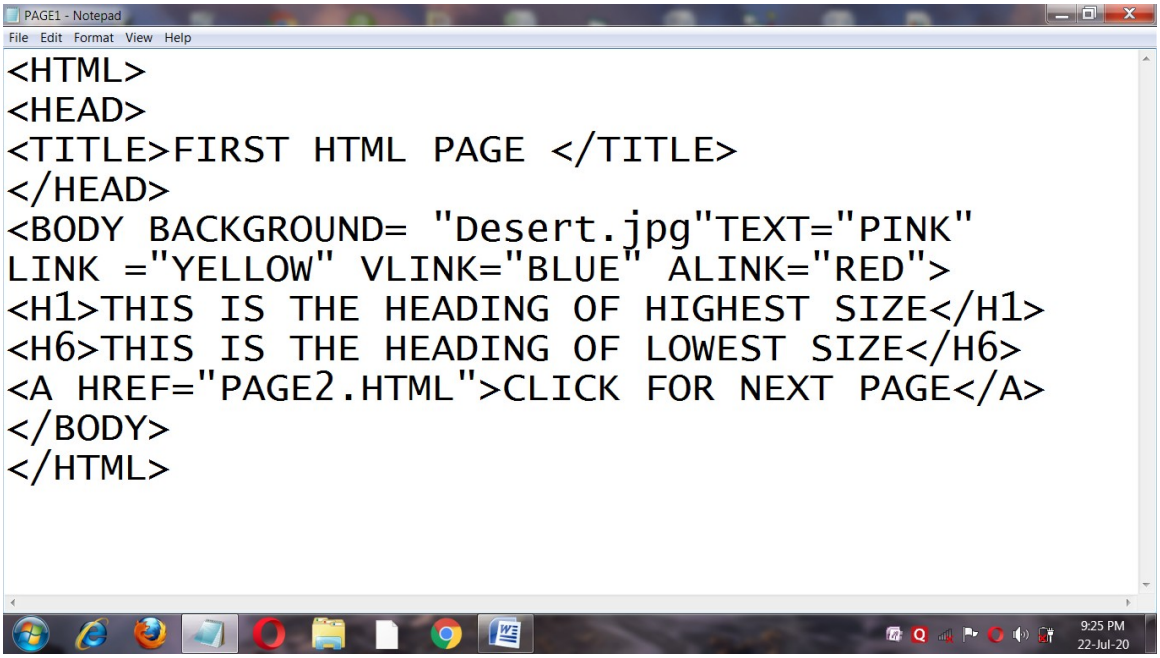
7. BR – This tag is use to bring the cursor to the next line .

PRACTICAL

1. CREATE TWO HTML PAGE USING NOTEPAD AND SAVE IT ON YOUR DESKTOP WITH NAME "PAGE 1.HTML" AND "PAGE2.HTML" TYPE THE FOLLOWING CODES AND CHECK THE OUT PUT

[THE BACKGROUND IMAGE USED IN PAGE1 NEED TO BE PRESENT ON YOUR DESKTPO SCREEN]

INPUT [PAGE 1.HTML]



OUTPUT



INPUT [PAGE2.HTML]

PAGE2 - Notepad

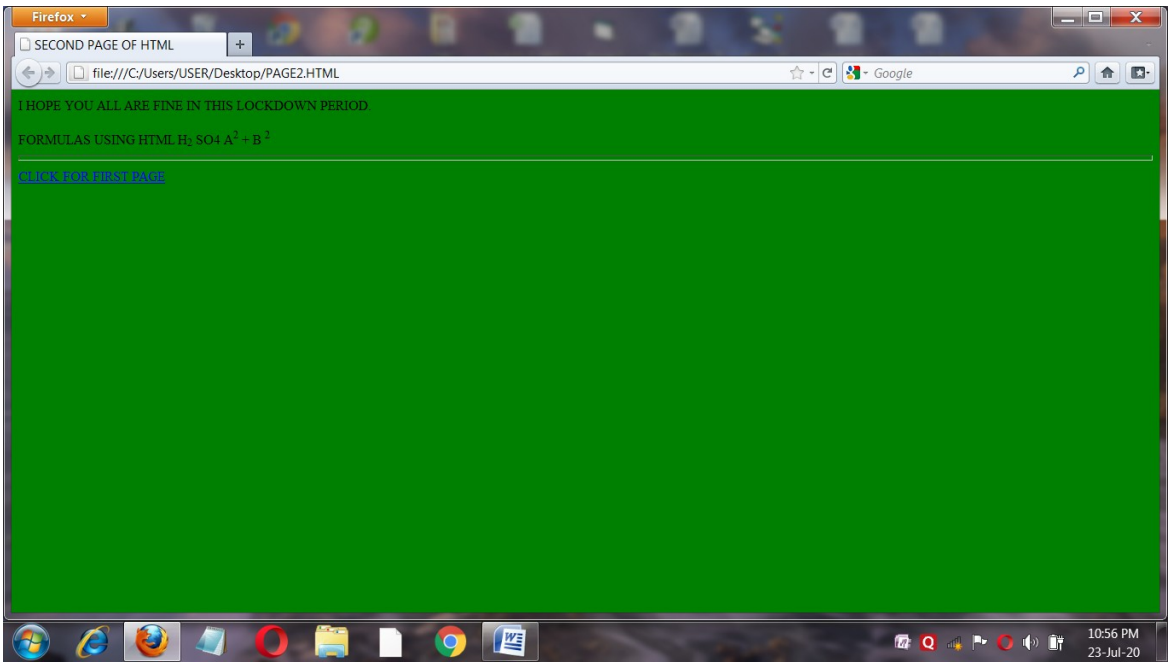
File Edit Format View Help

```
<HTML>
<HEAD>
<TITLE>SECOND PAGE OF HTML</TITLE>
</HEAD>
<BODY BGCOLOR="GREEN" LINK ="YELLOW" VLINK="BLUE" ALINK="R
<P ALIGN=LEFT>I HOPE YOU ALL ARE FINE IN THIS LOCKDOWN PER
FORMULAS USING HTML
H<SUB>2</SUB> SO</SUB><SUB>4</SUB>
A<SUP>2</SUP> + B <SUP>2</SUP>
<BR>
<HR WIDTH =100% SIZE = 10 COLOR="RED">

<A HREF="PAGE1.HTML">CLICK FOR FIRST PAGE</A>
<IMG SCR="Penguin.jpg"/>
</BODY>
</HTML>
```

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OUTPUT



[NOTE – COMPLETE THE EXERCISE OF CHAPTER 1 AND 2 IN YOUR BOOK AND QUESTION ANSWER IN COMPUTER COPY]