Chapter – 1

HTML Overview

HTML stands for hypertext markup language

Language :- Languages are used to communicate from one person to another person. Name of some

languages :- English, Hindi, Tamil etc . Levels of computer languages Lo level or machine language Middle level or assembly language High level language

Levels of computer languages-

- Low level or machine language
- Middle level or assembly language
- High level language

Low level or machine language-

Low level language written in binary number that means 0 and 1 used to develop an operating system for

particular machine. Ex-

```
8B542408 83FA0077 06B80000 0000C383 FA027706 B8010000 00C353BB 01000000 B9010000 008D0419
83FA0376 078BD989 C14AEBF1 5BC3
```

Middle level or assembly language-

Middle level language written in english and it contains assembler to translate english code in binary that means machine language used to develop an operating system for particular machine. Ex-

```
fib: mov edx, [esp+8] cmp edx, 0 ja @f mov eax, 0 ret @@: cmp edx, 2 ja @f mov
eax, 1 ret @@: push ebx mov ebx, 1 mov ecx, 1 @@: lea eax, [ebx+ecx] cmp edx, 3
jbe @f mov ebx, ecx mov ecx, eax dec edx jmp @b @@: pop ebx ret
```

High level language-

High level language written in english and it contains compiler and interpriter to translate english code in binary that means machine language used to develop an application softwares. Ex-

```
unsigned int fib(unsigned int n)
{
if (n <= 0)
 return 0;
 else if (n <= 2) return 1;
else { unsigned int a,b,c; a = 1; b = 1; while (1) { c = a + b; if (n <= 3)
 return c;
 a = b;
 b = c; n--;
 }
}
```

About HTML –

HTML stands for Hypertext Markup Language, and it is the most widely used language to write Web Pages.

As its name suggests, HTML is a Markup Language which means you use HTML . to simply "mark-up" a text document with tags that tell a Web browser how to structure it to display.

Chapter – 2
<u>html tags</u>

What is tag ?

A text surrounded by angle brackets is known as tags
ex-

More concepts about tags

Text	Tags
html	<html>
body	<body>

Use of tags-

Tags are used to display our contents on webpage and it also defines the place of our contents .

Important topics about tags.-

1. A tag starts with <>bricked and closed with </> Ex. <html></html>.
2. A start tag also called opening tag and closed tag also called closing tag.
3. A tag must be closed with </> brickets
4. A tag marked our content to display them on webpage Ex. <html> our content</html>

Chapter – 3
html versions & Elements

HTML (Hyper text markup language) is Developed by Team Berners-Lee

VERSIONS	YEAR
HTML	1991
HTML 2.0	1995
HTML 3.2	1997
HTML 4.01	1999
XHTML	2000
HTML5	2014

HTML ELEMENTS

An html element must have contents
Example : -
<body> : Starting tag
 contents : My name is amit
</body> : Closing tag

Chapter – 4

html Doctype declaration & typography

Doctype Declarations-

Doctype declaration is a comment that tells in which version of HTML coding is done.

The doctype declaration tells our web server that we are coding in HTML

Types of Doctype Declaration-

1. HTML 4.01

2. XHTML

3.HTML 5

1.) HTML 4.01 Doctype Declaration Syntax :-

<!DOCTYPE HTML PUBLIC
"//W3C//DTDHTML4.01Transitional//EN""http:w3.org/tr/html4/loose.dtd">

2.)XHTML& HTML 4.01 Doctype Declaration Syntax :-

<!DOCTYPE HTML PUBLIC"-//W3C//DTD HTML 4.01//EN"http://www.w3.org/TR/html4/stict.dtd>

3.)HTML 5 Doctype Declaration Syntax :-

<!DOCTYPE html> And <!doctype html>

NOTE :-

- Always you have to do doctype declaration in html 5 version

- If you do the doctype declaration in html5 version then you can take advantage of all the features of HTML 4 and XHTML.

HTML 4 basic Structure in HTML 5 Doctype Declaration.

```
<!DOCTYPE html>
<html>
<head>
<title>
Write Title Content Here
</title>
</head>
<body>
Write Body Content Here
</body>
</html>
```

Typography tags

Heading text tags

<h1>ACHIVERS ACADEMY</h1>

<h2>ACHIVERS ACADEMY</h2>

<h3>ACHIVERS ACADEMY</h3>

<h4>ACHIVERS ACADEMY</h4>

<h5>ACHIVERS ACADEMY</h5>

<h6>ACHIVERS ACADEMY</h6>

Paragraph text tags
<p>welcome to stp computer education</p>

Centered text tags
<center> Center Content write Here</center>

Moving text tags
Moving Content Write Here

Chapter – 5

Html Formatting tags

Empty Element Tags:-

\<hr\>= horizontal line Tagb

\<br\>= break line

Pre Formatting tag:-

\<pre\>= This tag is accept keyboard formatting

Formatting Tags

\<b\>	:	Define bold text
\<u\>	:	Define underline text
\<i\>	:	Define italic text
\<em\>	:	Define emphasized text
\<sup\>	:	Define superscript text
\<sub\>	:	Define subscript text
\<strong\>	:	Define strong text
\<small\>	:	Define small text
\<mark\>	:	Define highlighted text

Chapter – 6

Html Attributes

HTML Attribute is the way to optimize the features of tag.

Attributes are always use in opening tag. Example :-

<tag attributename="value"></tag>
All HTML element have attributes

TAG NAME	ATTRIBUTES NAME	VALUE
Body	Bgcolor	"blue"
	background	""image.img"
	Text	"blue"
	Link	"green"
<h1>to<h6>	Align	"left" "center" "right"
	title	"any text"
<hr>	Color	"red"
	Width	""25%" "100"
	Size	"10"
	align	"left" "right" "center"
<marquee>	Direction	"up" "dwon" "left" "right"
	Behaviour	"scroll" "alternet"
	Scrollamount	"50%" "20"
	bgcolor	"red"

.