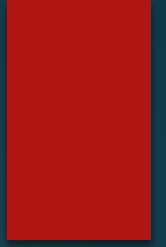# HTML

PRESENTED BY-

ABHILASHA SINGH

DEPARTMENT OF COMPUTER SCIENCE

Contents

- What is HTML?
- Versions of HTML
- Difference between HTML4 and 5
- New tags of HTML5
- Practical Implementation
- Conclusion
- References

What is HTML?

- Telling the browser what to do, and what props to use.
- A serises of tags that are integrated into a text document.

- Tags are;
- surrounded with angle brackets like this

    <B> or <I>

- Most tags come in pairs

    exceptions: <P>, <br>, <li> tags ...
- The first tag turns the action on, and the second turns it off.

HTML (Hypertext Markup Language)

Common features

► Tables

► Frame

► Form

► Image map

► Character Set

► Meta tags

► Images, Hyperlink, etc…

Versions:

YEAR	VERSION
1991	HTML
1993	HTML+
1995	HTML 2.0
1997	HTML 3.2
1999	HTML 4.01
2000	XHTML
2012	HTML 5
2013	XHTML 5

DIFFERENCE

HTML 5	HTML 4
1. HTML5 uses new structures such as drag, drop and much more.	1.HTML 4 uses common structures like headers, footers.
2.HTML 5 can contain embedded video and audio without using flash player	2.HTML 4 cannot embed video or audio directly and makes use of flash. player for it.
3. HTML 5 introduced many new API's which facilitate flexibility of web pages.	3.HTML 4 has traditional API's which does not include canvas and content editable API's.
4. In HTML 5, new tags and new features like local storage are enhanced	4.In HTML 4, local storage is not possible and tags that can handle only one dimension are present

HTML5 New Input Types

- color
- date
- datetime
- email
- month
- number
- range
- search
- tel
- time
- week

HTML5 Semantic Elements:

- ▸ <header>
- ▸ <nav>
- ▸ <section>
- ▸ <article>
- ▸ <aside>
- ▸ <section>
- ▸ <figcaption>
- ▸ <figure>
- ▸ <footer>

HTML Form Attributes:

- ▶ step
- ▶ pattern
- ▶ placeholder
- ▶ min and max
- ▶ multiple
- ▶ required
- ▶ list
- ▶ formtarget
- ▶

Conclusion

- HTML 5 is the next version of Hyper Text Markup Language. It is developing by world wide web consortium. Web is the commonly used medium to share and network nowadays.