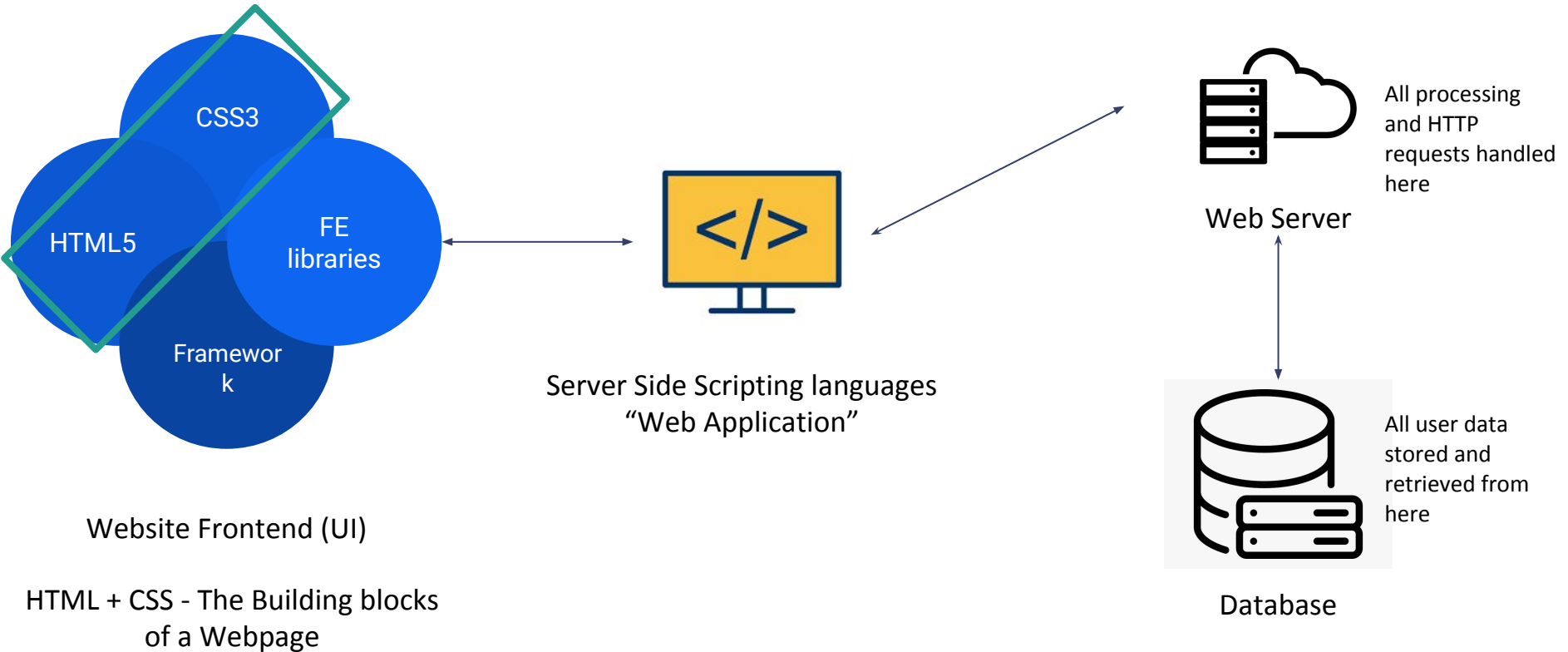


Intro to Making Webpages with HTML and CSS

Week 2, CSE 224

Lec Raiyan Rahman
Dept of CSE, MIST
raiyan@cse.mist.ac.bd

What We'll Focus on Today



HTML

- ❑ **H**yper **T**ext **M**arkup **L**anguage
- ❑ The building block of the web page layout
- ❑ Makes the “Skeleton” (/the layout) of the Webpage
- ❑ Follows a specific format that your browser can read very easily.
- ❑ Written with specific “tags” to design the page as you want.
- ❑ These tags together tell the browser how to render (draw!) the website.
- ❑ Current Standard is HTML5

HTML



What your Webpage will Look Like With the HTML “Skeleton”

HTML

[Go to blog page](#)

Hello World!

Lorem ipsum dolor sit, consectetur adipiscing elit. [GOTO MIST Webpage](#) magni saepe ratione eligendi ipsam quidem quos accusamus, labore, impedit autem debitis quaerat explicabo molestiae nulla suscipit eveniet maxime.

ipsum dolor sit amet.

- [List Point 1](#)
- List Point 2
- List Point 3
- List Point 4

1. [List Point 1](#)
2. List Point 2
3. List Point 3
4. List Point 4

Name	Student ID	Email
Raiyan	1234	raiyan@cse.mist.ac.bd
Muhaimin	1233	muhaimin@cse.mist.ac.bd

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HTML5 Markup

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What your Webpage will Look Like With the HTML “Skeleton”

What We'll Do Today

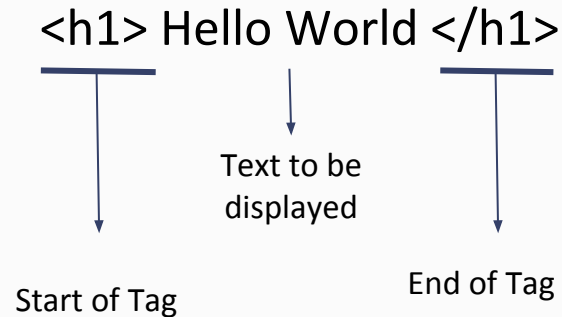
1. Make the HTML layouts of two pages from MIST Website.

[Page 1](#) [Page 2](#)

We'll learn the basics of HTML through this.

2. Then, we'll see how to make a fully responsive complete website with HTML + CSS. We'll have a brief intro with CSS through this, more on next class. - Next Class Actually :(

HTML Tags



The specific tags tell how the text/item will be displayed in the web page. H1 is a tag that displays texts as a headline.

Tags are used to denote single line specific texts to an entire section (say the header or the footer) of the web page!

HTML Tags With Attributes

` Visit MIST Website `

First Attribute of the tag <a>
Tells where to go when the link
is clicked

Second Attribute of the tag <a>
Tells in which browser tab the
link will open

The text that'll be displayed as
the link

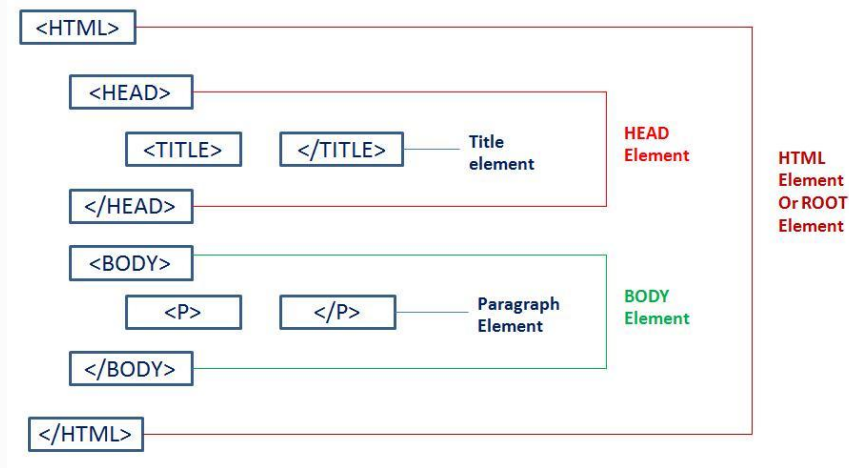
<a> tag links another page to a text. The above line will result in something like:
Visit MIST Website in our webpage!

Block vs Inline HTML Tags

Block	Inline
<p>Goes to a new line automatically after the tag is done.</p> <p><h1> - <h6> <p> <div> <form></p> <p>All are block tags.</p>	<p>Doesn't go to a new line after the tag is done.</p> <p> <label> <input></p> <p>All are inline tags.</p>

Let's Take a look at a web page and try to see if we can make out a common structure!

HTML5 Semantics



HTML Elements



Some HTML5 semantic elements inside `<BODY>`

HTML5 Semantics

Start of CSE 224
Hello CSE 224! Hope you'll pick up some new skills! We'll continue it with Database next year.
- CSE 224 teachers



```
<html>
  <header>
    <p> Start of CSE 224 </p>
  </header>
  <body>
    <p> Hello CSE 224! </p>
    <p> Hope you'll pick up some new skills!</p>
    <p> We'll continue it with Database next year.
  </p>
  <footer>
    <p> -CSE 224 teachers </p>
  </footer>
</body>
</html>
```

Let's Get to Coding (Part 1)!

[Page 1](#) [Page 2](#)

[Full HTML Code](#)

Resources

1. [A Guide to HTML](#)
2. [A Guide to CSS3](#)

<p> Thank You!</p>