



Introduction to HTML

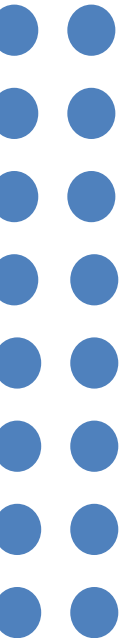


LESSON OBJECTIVES

- 
- Understand importance of HTML
 - Use elements to create static web pages
- 

What is HTML ?

- HTML stands for Hypertext Markup Language
- It is the standard language for creating web pages.
- Now time for the code.



HTML Structure Syntax

- Elements/Tags
- !Doctype
- html, head, meta, title tag
- body tag

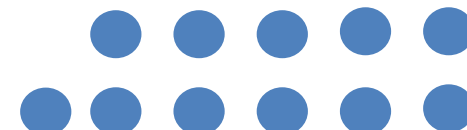
Opening Tag Closing Tag

<p> first paragraph **</p>**

Content

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>

</body>
</html>
```

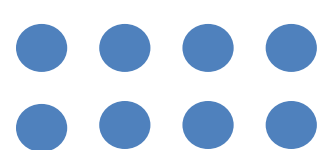


Different elements



- Block and inline elements(h1-h6, a(hyperlink), img, p, div, span, label)
- Semantic elements (main, header, footer, form etc)
- Elements used to create tables(table, thead, tr, th, tbody, td)
- Attributes (id, class, name, value, href, src)

See next slide for code example ~~>



Block and inline Elements

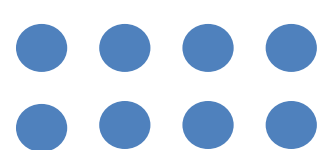


- Block and inline elements(h1-h6, a(hyperlink), img, p, div, span, label, input)

```
<!-- block elements -->
<div id="" class="" name=""></div>
<h1></h1>
<p></p>
<!-- inline elements -->
<button value=""></button>
<a href=""></a>
<img src="" >
<span></span>
<label>
  <input type="text">
</label>
```

<p>Hello there </p>

Hello there



Semantic Elements

- Semantic elements (main, header, footer, etc)

```
<body>  
  <header></header>  
  <nav></nav>  
  <main></main>  
  <section></section>  
  <article></article>  
  <aside></aside>  
  <footer></footer>  
</body>
```

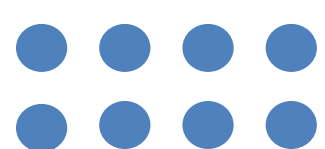
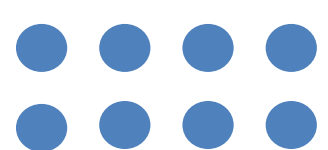


Table Elements

- Elements used to create tables(table, thead, tr, th,tbody, td)

```
<body>
  <table>
    <thead>
      <tr>
        <th></th>
        <th></th>
        <th></th>
        <th></th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td></td>
        <td></td>
        <td></td>
        <td></td>
      </tr>
    </tbody>
  </table>
</body>
```



Attributes

- Attributes (id, class, name, value, href, src)

```
<div id="" class="" name=""></div>  
<button value=""></button>  
<a href=""></a>  
<img src="" >
```

