

Web System & Technology

Lecture # 2

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What is HTML?

- HTML stands for Hyper Text Markup Language
- Standard markup language for creating web pages
- HTML describes the structure of a web page
- HTML consists of series of elements
- HTML elements tell the browser how to display the content

Evolution of HTML

Year	Version
1991	Tim Berners-Lee invented HTML
1995	HTML Working Group defined HTML 3.0
1997	W3C Recommendation: HTML 3.2
1999	W3C Recommendation: HTML 4.01
2000	W3C Recommendation: XHTML 1.0
2008	WHATWG HTML5 First Public Draft
2014	W3C Recommendation: HTML5
2016	W3C Candidate Recommendation: HTML 5.1
2017	W3C Recommendation: HTML5.2

HTML Element

- An HTML element is defined by a start tag, some content, and an end tag
- `<tagname>` content goes here `</tagname>`
- The HTML element is everything from the start tag to the end tag

```
<h1>My First Heading</h1>
```

```
<p>My first paragraph.</p>
```

Structure of HTML document

```
1  <!DOCTYPE html>
2  <html>
3      <head>
4
5      </head>
6      <body>
7
8      </body>
9  </html>
```

HTML Editor

- VS Code
- jsfiddle.net

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