

HT

ML



Lesson 1 optimum

What is HTML?

HTML – HyperText Markup
Language

HTML is a markup language.

HTML - easiest
language.

Tim
Berners-Lee



HTML Versions

Version	Year
HTML	1991
HTML+	1993
HTML 2.0	1995
HTML 3.2	1997
HTML 4.01	1999
XHTML 1.0	2000
HTML5	2012
XHTML5	2013

HTML –

Tags
HTML markup tags are usually called
HTML tags
`<tagname>content</tagname>`
`e>`

"HTML tags" and "HTML elements" are often used to describe the same thing.

`<p>` This is a paragraph.
`</p>`

The `<!DOCTYPE>` Declaration

HTML5

```
<!DOCTYPE html>
```

HTML 4.01

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

XHTML 1.0

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0  
Transitional//EN"  
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.d  
td">
```

HTML – Document structure

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

2. `<html>`

`<head>`

3. `<title>Basic HTML page</title>`

`</head>`

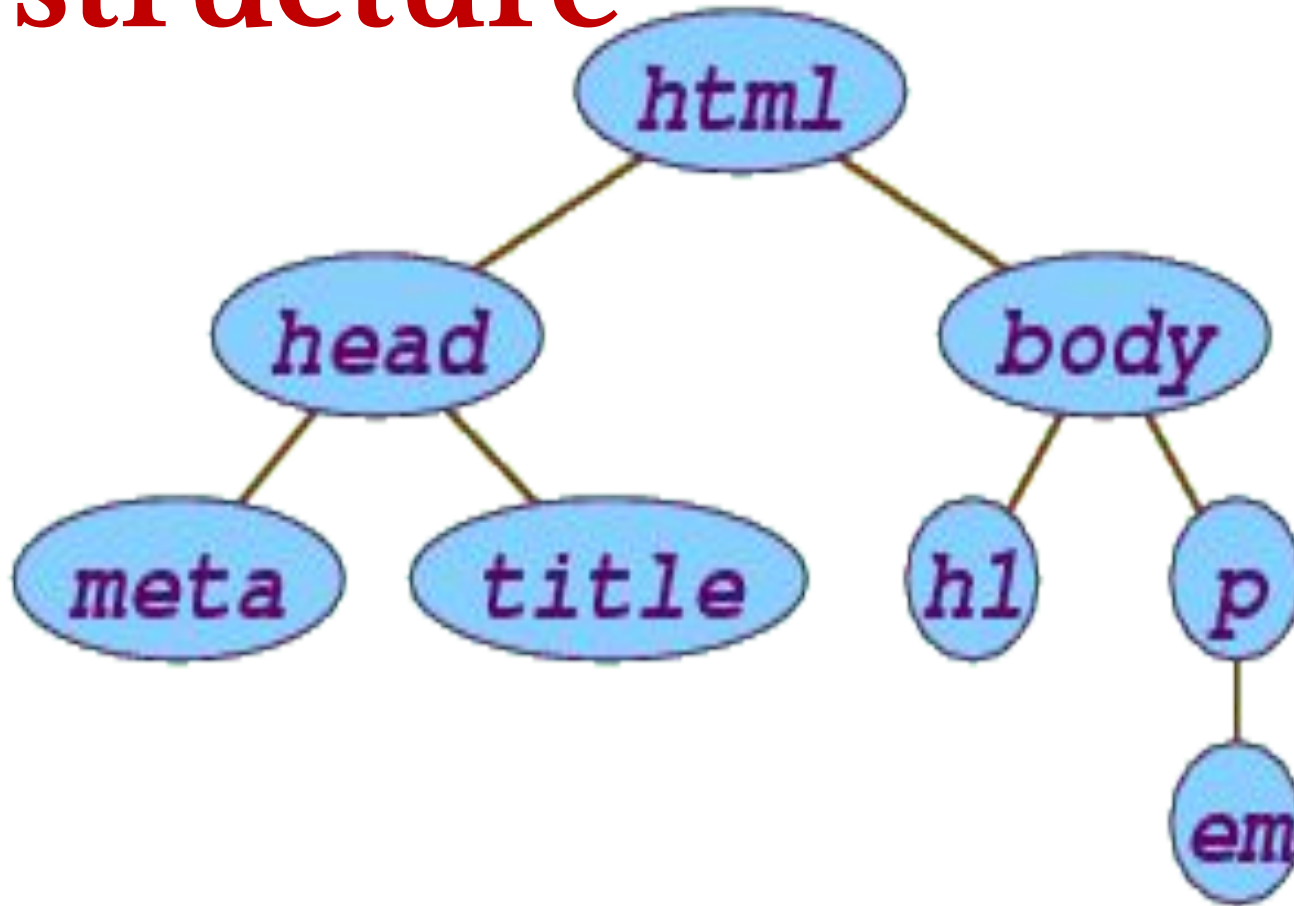
`<body>`

4. `<p>This is where all the content of your page goes.</p>`

`</body>`

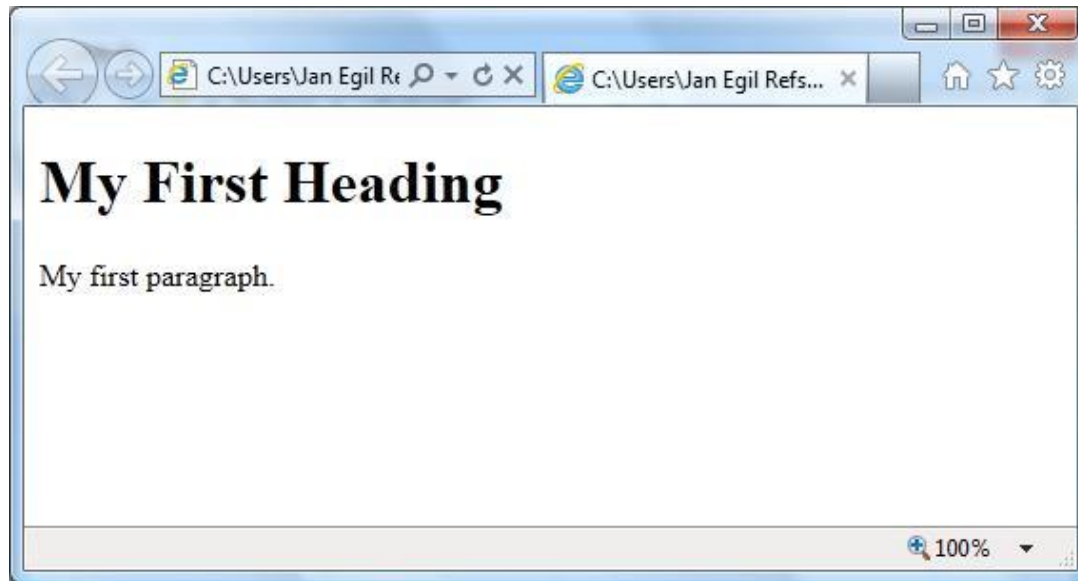
`</html>`

HTML – document structure



Web Browsers

The purpose of a web browser is to read HTML documents and display them as web pages.



```
<!DOCTYPE html>  
<html>  
<body>  
  
<h1>My First  
Heading</h1>  
  
<p>My first  
paragraph.</p>  
  
</body>  
</html>
```


HTML –

Attributes

<tagname

attributename="attributevalue">

Content

</tagname>

This is a link

HTML – Headings and Paragraphs

```
<!DOCTYPE html>
<html>
<body>

<h1>This is
heading1</h1>
<h2>This is heading
2</h2>
<h3>This is heading
3</h3>
<h4>This is heading
4</h4>
<h5>This is heading
5</h5>
```

```
<h6>This is heading
6</h6>
```

```
<!DOCTYPE html>
<html>
<body>

<p>This is a paragraph.</p>
<p>This is a paragraph.</p>
<p>This is a paragraph.</p>

</body>
</html>
```

```
h1 { font-size: 2em; }
h2 { font-size: 1.5em; }
h3 { font-size: 1.17em; }
h5 { font-size: .83em; }
h6 { font-size: .75em; }
```

HTML - Text

Formatting

Tag	Description
<u></u>	Defines bold text
<u></u>	Defines emphasized text
<u><i></u>	Defines a part of text in an alternate voice or mood
<u><small></u>	Defines smaller text
<u></u>	Defines important text
<u><sub></u>	Defines subscripted text
<u><sup></u>	Defines superscripted text
<u><ins></u>	Defines inserted text
<u></u>	Defines deleted text
<u><mark></u>	Defines marked/highlighted text

Task:1

Demian

Demian: The Story of **Emil Sinclair**'s youth is a Bildungsroman by *Hermann Hesse*, first published in 1919; a prologue was added in 1960. *Demian* was first published under the pseudonym "**Emil Sinclair**", the name of the narrator of the story, but *Hesse* was later revealed to be the author.

Task:2

Claude Monet

"Impressionism"

Claude Monet was a founder of ~~English~~ French impressionist painting.

The term **Impressionism** is derived from the title of his painting *Impression, Sunrise* (Impression, soleil levant).

Answer:1

```
1 <!DOCTYPE html>
2 <html>
3   <body>
4     <h1>
5       <i>Demian</i>
6     </h1>
7
8     <p>
9       <b><ins><i>Demian</i></ins></b>: The Story of <b>Emil Sinclair's</b> youth is a Bildungsroman by
10      <b><i>Hermann Hesse</i></b>,
11      <br/>
12      first published in <ins>1919</ins>;
13      a prologue was added in <ins>1960</ins>.
14      <b><ins><i>Demian</i></ins></b>
15      <br/>
16      was first published under
17      the pseudonym <mark>"Emil Sinclair"</mark>,
18      the name of the narrator of the story,
19      <br/>
20      but <b><i>Hesse</i></b> was later revealed to be the author.
21    </p>
22  </body>
23 </html>
```

Answer:2

```
1 <!DOCTYPE html>
2 <html>
3   <body>
4     <h1>
5       <ins>Claude Monet</ins>
6     </h1>
7     <h3><q>Impressionism</q></h3>
8
9     <p>
10      <blockquote><ins> Claude Monet</ins>
11      was a founder of <del>English</del> French impressionist painting.<br/>
12      The term <b>Impressionism</b>
13      is derived from the title of his painting <i>Impression</i>, <i>Sunrise </i>
14      <sub>(Impression, soleil levant)</sub>.</blockquote>
15    </p>
16  </body>
17 </html>
```