



HTML/CSS



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HTML



What is HTML5?

- The latest and most enhanced version of HTML.
- Technically, HTML is not a programming language, but rather a mark up language.

What does HTML stand for?

- **H**yper **T**ext **M**arkup **L**anguage
- The most widely used language on Web to develop web pages

History milestones

- Created by Berners-Lee in late 1991
- HTML 2.0 was published in 1995
- HTML 3.2 was published in 1997
- HTML 4.01 was the major version, published in 1999
- XHTML was published in 2000
- HTML5 was published in 2012

Support extensions

- .html
- .htm
- For example
 - Index.html
 - Default.html
 - Contact.htm
 - About.htm

Editors / IDE

- Notepad
- Notepad++
- Sublime Text
- EditPlus
- Netbeans
- Eclipse
- ...

Reader

- Using Web Browser
 - Google Chrome
 - Mozilla Firefox
 - Safari
 - Opera
 - Internet Explorer (IE)
 - ...

Page structure (cont.)

```
<!DOCTYPE html>
<html>
<head>
<title>This is document title</title>
</head>
<body>
<h1>This is a heading</h1>
<p>Document content goes here.....</p>
</body>
</html>
```

Page structure (cont.)

- The **<!DOCTYPE ...>** defines document type and HTML version
- The **<html>** defines the root element of an HTML page
- The **<head>** defines document's header, contains meta information about the document

Page structure (end)

- The **<title>** defines a title for the document
- The **<body>** defines document's body
- The **<h1>** defines a large heading
- The **<p>** defines a paragraph

Tags

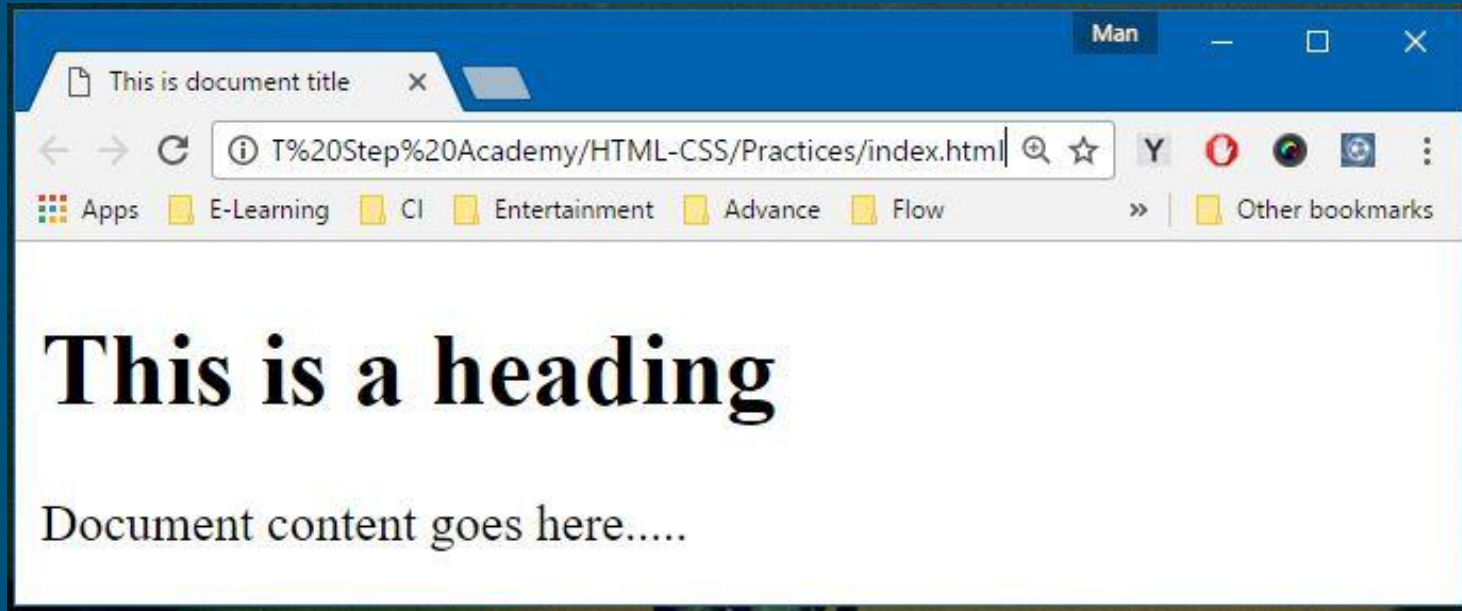
- `<tagname>content...</tagname>`
- `<tagname ...>`
- Tags normally come in pairs like `<p>` and `</p>`
- The first tag in a pair is the start tag, the second tag is the end tag
- The end tag is written like the start tag, but with a forward slash inserted before the tag name

Start a page (cont.)

- Create new html page: index.html

```
<!DOCTYPE html>
<html>
<head>
<title>This is document title</title>
</head>
<body>
<h1>This is a heading</h1>
<p>Document content goes here.....</p>
</body>
</html>
```

Start a page (end)



References

- <https://www.tutorialspoint.com/html/index.htm>
- https://www.w3schools.com/html/html_intro.asp