

JMC 414: ONLINE JOURNALISM Practical Sessions, Lecture 02

WORKING WITH HTML

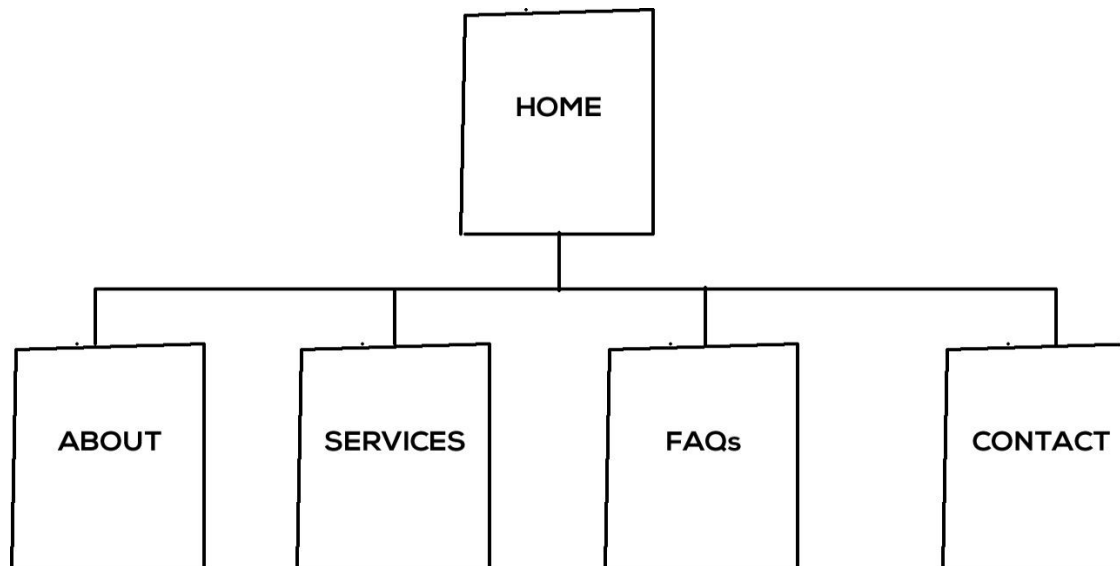
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Download: www.benyella.com/jmc414

WHAT IS A WEBSITE

A websites are simply a **collection of web pages**, about a business, a person, an institution or an issue. These web pages are usually identified under a single domain name and contain hyperlinks to each other

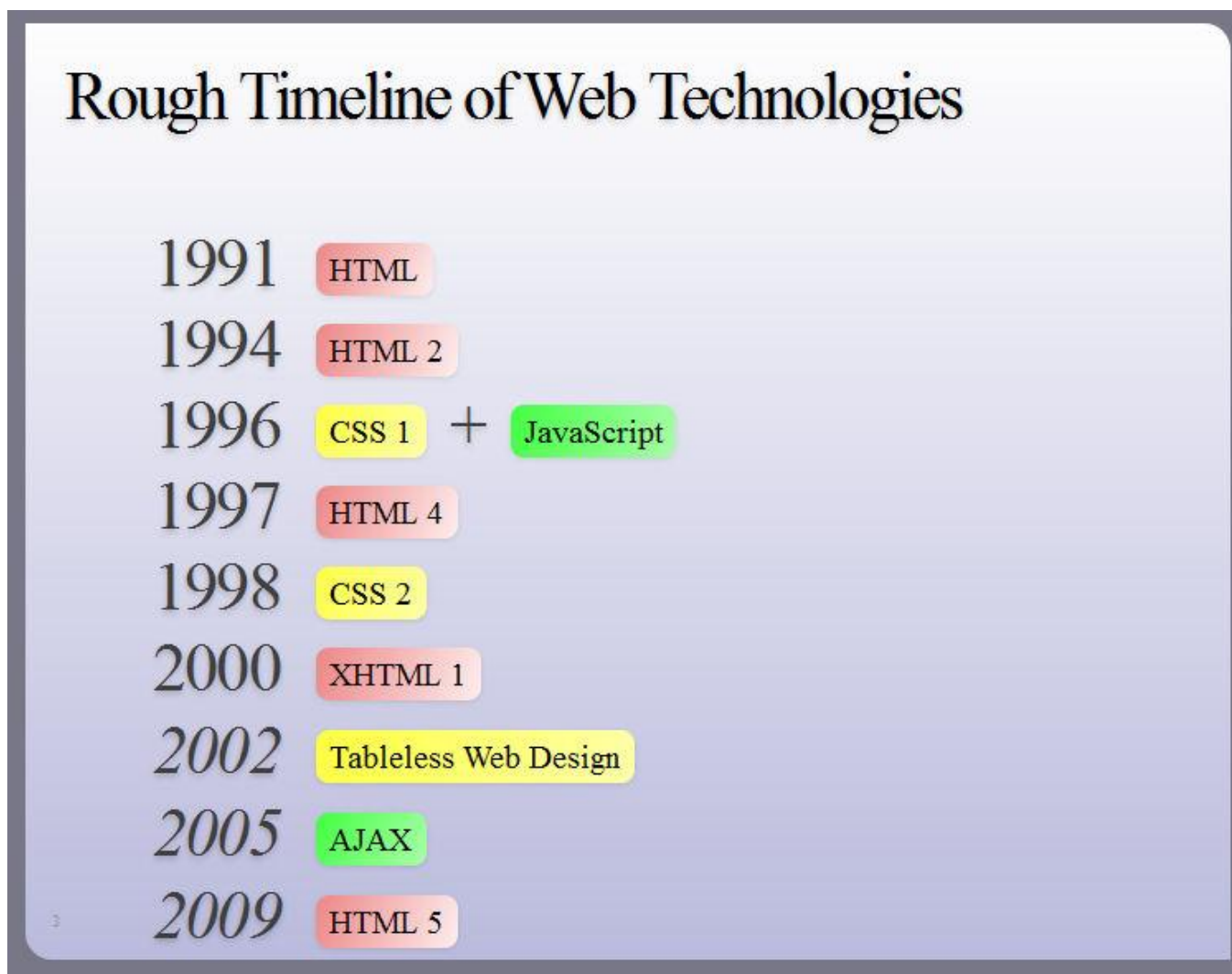
- A number of web pages put together, constitute a website
- To build a website, we build independent web pages and then link them up using special connections know as **hyperlinks**.



Sample Website Structure

HTML

- HTML stands for **HPERTEXT MARKUP LANGUAGE**
- Every webpage is written in HTML
- Other Languages are used in the development of web pages such as JavaScript, PHP, Pearl & jQuery but the final output of these languages is always HTML
- The job of the web browser is to interpret HTML coded web pages into a readable form (using proper text and formatting elements) which the ordinary web users can understand
- THE HTML language has evolved over the years since its creation. Some versions of the language include
 - HTML
 - HTML 2
 - HTML 4
 - XHTML
 - HTML5
- HTML 5 being the most recent version of the language.



Source: www.fawzandj.wordpress.com

BUILDING WEB PAGES WITH HTML

Unlike typing a Microsoft Word document, where we use the Microsoft Word Software to create paragraphs, headings, insert pictures etc., while building web pages, all the text (paragraphs, headings, pictures etc.) have to be inserted into your page or formatted using the HTML language.

For example, In HTML, the above paragraph would be written between special codes called paragraph tags to indicate to the browser that the specified text needs to be formatted as a paragraph

Element	Tags	Usage
Paragraph	<code><p></p></code>	<code><p>Paragraph text</p></code>
Heading	<code><h1></h1></code>	<code><h1>Heading text</h1></code>
Image	<code></code>	<code></code>

Most HTML elements are written using an open HTML tag (**<p>**) and a closed HTML tag (**</p>**) HTML closed tags always include a forward slash (/) within the closing tag to indicate the end of a particular element to the web browser.

A SIMPLE HTML WEB PAGE

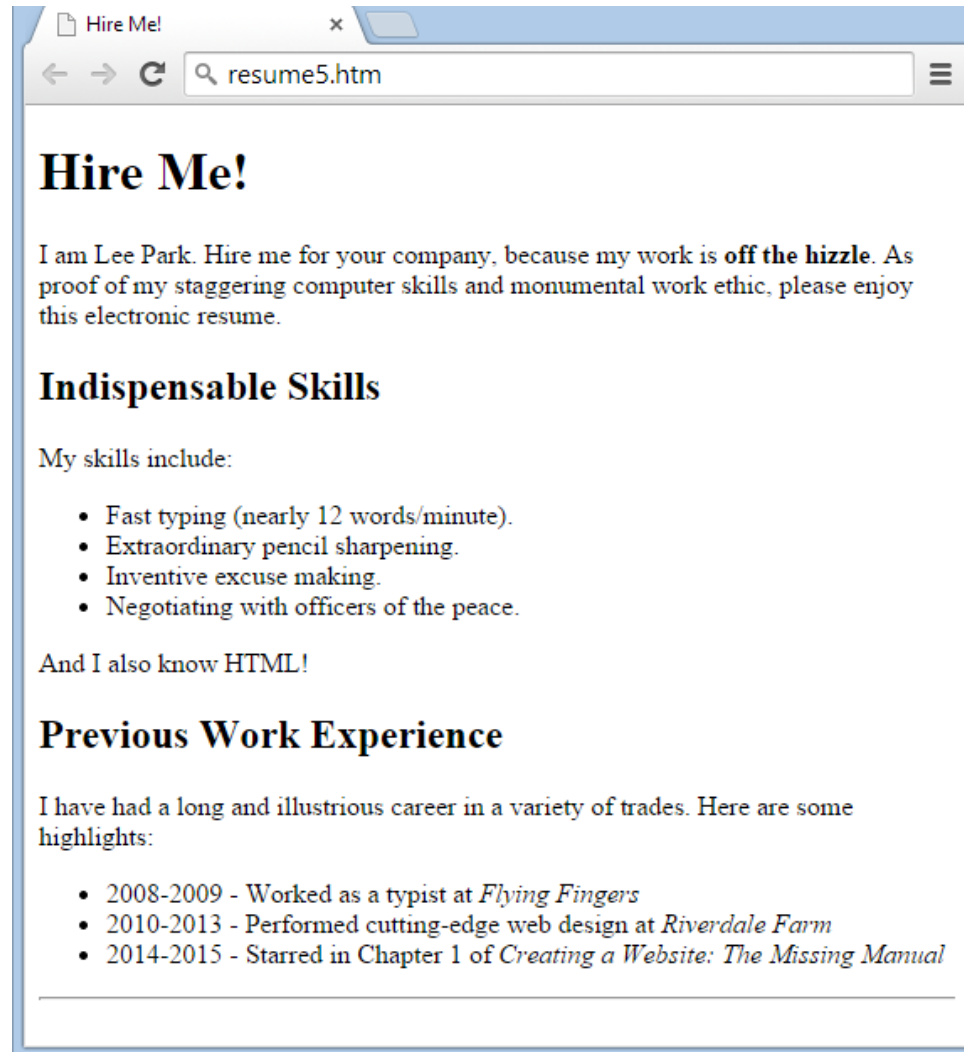
```
<!DOCTYPE html>
<html>
  <head>
    <title>HTML Tutorial</title>
  </head>
  <body>
    <h1>Hello World!</h1>
    <p>My first webpage!</p>
  </body>
</html>
```

source: www.quackit.com

HTML PAGE STRUCTURE

- Every webpage (HTML) page starts with the open HTML tag **<html>** and ends with the closed HTML tag **</html>**
- The HTML page consist of two main sections, the HEAD and the BODY sections
- The HEAD section usually consists of non-page elements such as titles and links to programmed scripts. The head section starts with the open head tag **<head>** and ends with the closed tag **</head>**
- The BODY section carries all information that appers on the web page – Paragraphs, headings, pictures, graphics, audio and video files. This section starts with the open body tag **<body>** and ends with the closed body tag **</body>**
- Web standards require a doctype declaration at the beginning of every web page to tell the browser what version of the HTML language has been used in the preparation of the HTML page. This helps the browser to properly interpret HTML codes as different versions of the language may differ with each other in the way certain lines of code are written or interpreted. Different versions of HTML require different doctype declarations but the most recent versions of HTML (**HTML 5**) only require the declaration **<!Doctype html>**

BUILDING A RESUME WEB PAGE



source: www.safaribooksonline.com


```
<!DOCTYPE html>
<html>
  <head>
    <title>Hire Me!</title>
  </head>
  <body>
    <h1>Hire Me!</h1>
    <p>I am Lee Park. Hire me for your company, because my work is <b>off the hizzle</b>. As proof of my
    staggering computer skills and monumental work ethic, please enjoy this electronic resume.</p>
    <h2>Indispensable Skills</h2>
    <p>My skills include:</p>
    <ul>
      <li>Fast typing (nearly 12 words/minute).</li>
      <li>Extraordinary pencil sharpening.</li>
      <li>Inventive excuse making.</li>
      <li>Negotiating with officers of the peace.</li>
    </ul>
    <p>And I also know HTML!</p>
    <h2>Previous Work Experience</h2>
    <p>I have had a long and illustrious career in a variety of trades. Here are some highlights:</p>
    <ul>
      <li>2008-2009 - Worked as a typist at <i>Flying Fingers</i></li>
      <li>2010-2013 - Performed cutting-edge web design at <i>Riverdale Farm</i></li>
      <li>2014-2015 - Starred in Chapter 1 of <i>Creating a Website: The Missing Manual</i></li>
    </ul>
    <hr />
  </body>
</html>
```

RECOMMENDED LINKS AND BIBLIOGRAPHY

1. HTML5 TUTORIALS Available at:
www.w3schools.com
2. MacDonald Matthew (2018) *Creating a Website: The Missing Manual, 4th Edition* Available at:
<https://www.safaribooksonline.com/library/view/creating-a-website/9781449374525/ch01.html> as
accessed on 18/05/2018