

Questions from chapter 1 (2 points each):**1. What are W3C Recommendations? Are they rules? Give an example of one (use google)**

W3C Recommendations are created and finalized with input from many major corporations involved in building web technologies. The recommendations are not rules but guidelines. Following W3C Recommendations is the first step to creating an accessible website.

Example:

An example of this is with Accessibility. Many people cannot use a mouse due to fine motor control issues or otherwise. An accessible website does not rely on the mouse but provides all functionality with a keyboard.

2. Describe the Web Accessibility Initiative (WAI).

The web accessibility is a major area of work in the W3C. Since the internet is now such an integral part of daily part for most people, there is an important need for any individual to access it.

For those with auditory, visual, neurological, and physical disabilities, an accessible website provides accommodations that help individuals overcome those barriers.

3. Which is true:

- **A. Any text or graphic on a website is automatically copyrighted in the US**
- **B. Any text or graphic on a website is automatically copyrighted in the US as long as the copyright symbol appears**

4. What is Creative Commons?

Creative Commons is a non-profit organization that provides free services that allow authors and artists to register a type of copyright license called a Creative Commons license. This license informs others exactly what they can and cannot do with the individuals creative work.

5. What is a MIME type? Give an example of how it is used.

MIME stands for Multi-Purpose Internet Mail Extensions. It is a series of rules that allow multimedia documents to be exchanged among many different computer systems. It provides an exchange among 7 different types of media on the internet: audio, video, image, application, message, multipart and text.

Example:

A MIME type of a web pages is text/html. MIME types of gif and jpeg are image/gif and image/jpeg.

6. Explain how a URL is used to access a specific file (e.g., what are the components of the url:

<http://www.webdevbasics.net/chapter1/index.html>)

http == http protocol

www == web server computer name

webdevbasics.net == domain name

chapter1 == folder name

index.html == web page file name

7. What is a protocol? Give an example.

Protocols are rules that describe how clients and servers communicate with each other over a network. There is no single protocol that makes the Internet and Web work.

Example:

File Transfer Protocol, also known as FTP, is a set of rules that allow files to be exchanged between computers on the Internet.

8. What is the purpose of the Domain Name System (DNS)?

The purpose of the DNS is to divide the Internet into logical groups and understandable names by identifying the exact address and type of the organization.

9. What is the purpose of a Document Type Definition (DTD)?

The purpose of a DTD is to identify the version of HTML contained in the document.

Questions from chapter 2 (2 points each):

1. What is the intended purpose of the blockquote tag? Should you use it whenever you want to indent text?

The blockquote tag is used to display a block of quoted text that is indented from both the left and right margins.

You should not use it whenever you want to indent text because it will indent from both sides will ruin the aesthetic of your website.

2. Describe one difference between using and using .

 is for text that has no extra importance but is styled in bold font

 is to imply that that the text associated has strong importance and should be displayed in a "strong" manner in relation to normal text on the page.

3. Describe one guideline that makes your hyperlinks more accessible to site visitors who are using as screen reader.

Making the hyperlink descriptive. Instead of "click here" have something that is more descriptive, such as, "Learn More about Mines"