Chapter 2 - Apply

| HTML Element | Address of website used to answer the questions posed as comments in template02.html |
|---|---|
| title | http://searchengineland.com/nine-best-practices-for-optimized-title-tags-111979 |
| header | http://html5doctor.com/the-header-element/ |
| nav | http://www.w3schools.com/tags/tag_nav.asp |
| main | http://www.sitepoint.com/html5-main-element/ |
| footer | https://developer.mozilla.org/en-US/docs/Web/HTML/Element/footer |

10.

a.      Semantic HTML:  Semantic HTML is the use of HTML markup to reinforce the meaning of the content in the webpage.

http://en.wikipedia.org/wiki/Semantic_HTML

b.      The benefit of semantic HTML:  The benefit of semantic HTML is to help people, machines, browsers, and programs understand the content of the webpage faster and easier.

http://stackoverflow.com/questions/1729447/what-are-the-benefits-of-using-semantic-html

c.      What are the new, HTML5 semantic elements?

**Description**

| | |
|---|---|
| <article> | Defines an article in the document |
| <aside> | Defines content aside from the page content |
| <bdi> | Defines a part of text that might be formatted in a different direction from other text |
| <details> | Defines additional details that the user can view or hide |
| <dialog> | Defines a dialog box or window |
| <figcaption> | Defines a caption for a <figure> element |
| <figure> | Defines self-contained content, like illustrations, diagrams, photos, code listings, etc. |
| <footer> | Defines a footer for the document or a section |
| <header> | Defines a header for the document or a section |
| <main> | Defines the main content of a document |
| <mark> | Defines marked or highlighted text |
| <menuitem> | Defines a command/menu item that the user can invoke from a popup menu |
| <meter> | Defines a scalar measurement within a known range (a gauge) |

| | |
|---|---|
| <nav> | Defines navigation links in the document |
| <progress> | Defines the progress of a task |
| <rp> | Defines what to show in browsers that do not support ruby annotations |
| <rt> | Defines an explanation/pronunciation of characters (for East Asian typography) |
| <ruby> | Defines a ruby annotation (for East Asian typography) |
| <section> | Defines a section in the document |
| <summary> | Defines a visible heading for a <details> element |
| <time> | Defines a date/time |
| <wbr> | Defines a possible line-break |

http://www.w3schools.com/html/html5_new_elements.asp

d.   What is the primary advantage and disadvantage of using the <main> element vs. <div id="main">?

The main element's primary advantage is that it is a semantic element.  It has meaning.  The div element by itself does not describe the content.  The primary advantage of using a div element is that it is common fully supported by older browsers.

http://stackoverflow.com/questions/19748487/semantic-markup-why-header-instead-of-div-id-header