Chapter 2 - Apply

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| 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> , [HTML title tag (w3schools.com)](https://www.w3schools.com/TAGS/tag_title.asp) , [HTML title Tag - GeeksforGeeks](https://www.geeksforgeeks.org/html-title-tag/) |
| header | <http://html5doctor.com/the-header-element/> , [HTML title tag (w3schools.com)](https://www.w3schools.com/TAGS/tag_title.asp) , [HTML title Tag - GeeksforGeeks](https://www.geeksforgeeks.org/html-title-tag/) |
|  |
| nav | <http://www.w3schools.com/tags/tagnav.asp> , [HTML title tag (w3schools.com)](https://www.w3schools.com/TAGS/tag_title.asp) , [HTML title Tag - GeeksforGeeks](https://www.geeksforgeeks.org/html-title-tag/) |
|  |
| main | <http://www.sitepoint.com/html5-main-element/>, [HTML title tag (w3schools.com)](https://www.w3schools.com/TAGS/tag_title.asp) , [HTML title Tag - GeeksforGeeks](https://www.geeksforgeeks.org/html-title-tag/) |
|  |
| footer | <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/footer> , [HTML title tag (w3schools.com)](https://www.w3schools.com/TAGS/tag_title.asp) , [HTML title Tag - GeeksforGeeks](https://www.geeksforgeeks.org/html-title-tag/) |
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10.

1. 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/SemanticHTML>

1. 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>

1. 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/html5newelements.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>