Reminder about using meaningful tags

* Remember to use <**strong**> instead of <b> and to use <**em**> instead of <i>
* Ideally, every web page will have a <header>, <main>, and if it is part of a multi-page site it will also have a <footer> and <nav>.  
  The <nav> may stand alone or be part of the header, main or footer sections.
* Depending on the complexity of the page the main may be divided into <article>s and/or <section>s.  
  The w3c says that an article should stand on its own independentlt of the page, and that a section consists of related content. This leads to the question, does the section go inside the article or vice-versa? The answer is that depending on the content, either situation might occur.
* The header should say what the page is about, and have information about who wrote it, possibly when it was updated, etc.
* The footer will often have links to a site map, contact us, a page "about " the organization, etc.
* All of these tags are referred to as "semantic html" – which is html where the tags tell you the meaning of what they contain. Semantic html is very important for accessibility (More on this in the next chapter) and also for getting found by search engines.
* Please read <https://www.w3schools.com/html/html5_semantic_elements.asp> and <http://web-accessibility.carnegiemuseums.org/foundations/semantic/>
* Some of the examples for this course are kept purposely very simple, to emphasize certain points, **but in anything other than an exercise of that type I expect all your pages to be written with semantic HTML.**
* The next page has an example (from the Basic HTML Notes) of the body of a page structured with semantic HTML:

<**body**>  
<**header**>  
 <h1>Majors at Simmons University</h1>  
 This page has an overview of all the wonderful majors   
</**header**>

<**main** id='allMajors'>  
 <**section** id='MCS'>  
 <h2>Majors in Mathematics, Statistics, Data Science, Computer Science. Informaton   
 Technology and Web Design and Development</h2>  
 <**header**>Why MCS is fabulous- this header pertains only to this section</header>  
 <**article** id ='CS'>

<h3>Computer Science</h3>  
 <p>Paragraph about our CS major></p>  
 <p>Another paragraph about CS</p>  
 <*aside* id ='CSJobs'>  
 <p>Enticing info about what our CS majors do</p>  
 </**aside**>   
 </**article**>  
 <**article** id = 'DsandA'>  
 <h3>Data Science and Analytics</h3>  
 <p>Verbiage about DS&A</p>  
 </**article**>   
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 </**section**>  
  
 <**section** id = 'NatSci'>  
 <h2>Natural Sciences</h2>

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</**section**>  
</**main**>  
  
<**nav**>  
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</**nav**>  
  
</**body**>