



## CMST 385: Web Site Design

### Assignment 1: HTML Elements – Parts CDE

#### Summary:

The purpose of this assignment is to gain familiarity a text editor to enter HTML code in the creation of web pages. You will also experience HTML validation and the coding process.

#### Part C: Making a web page from a Text Document

Download the text document `BillOfRights.ascii` by clicking the link on the class web page.

Create a new HTML5 document called `rights.html` and place the text of `BillOfRights.txt` document in the body of this HTML document. Utilize any of the HTML elements covered in class to create structure for this web page for a much improved presentation. You should utilize an ordered list to create a number list for this document so that the numbers correlate with the amendment numbers, which are shown as roman numbers in the text document.

For Article VII (7) it states an amount of twenty dollars. Markup the twenty dollars with an `<abbr>` element and for the title attribute describe the equivalent in today's money adjusted for inflation. You will need to do a search on this amount and adjusted for inflation.

Validate your document using `validator.w3.org` and fix all errors.

#### Part D: Personal Bio or Resume web page

Create a Bio or Resume web page for Part D. Consider those items that maybe of interest to future employers, but do not put items that you do not want public.

#### Requirements:

1. Create a personal bio or resume for online display named `bio.html` using valid HTML5.
2. Your bio or resume should be at least two full screens in length when displayed on a browser and scrollable in a vertical direction. This is approximately one full page if printed. It should not exceed four screens for this assignment when scrolling down or approximately 2 pages when printing.
3. Include your name, contact information, employment experience, education, and relevant personal information. However, don't put items on it that may affect your privacy that you don't want to make public.
4. Use headings for your name and to mark each major section of your resume.
5. Use bullet or number lists to define the contents of at least two sections on your resume.
6. Use paragraphs to contain text for remaining sections. All text needs to be in a block level element to be valid HTML.
7. Save the file as the document with filename `bio.html`



8. Validate your document using [validator.w3.org](http://validator.w3.org) and fix all errors.
9. After you have created the formatted text for this document, then add `<a>` elements to markup text to become hyperlinks. You should make hyperlinks to at least two external web pages on different web sites.
10. Create named anchors and internal hyperlinks within the document for education and experiences sections of your `bio.html` document.
11. Create a link from your bio page to your home page, which will be created in Part E and will be given the filename `index.html`. All home pages for websites have the filename `index.html` and this is the default document that opens for each folder if a specific web page is not defined in the href attribute.
12. Test your HTML file by opening it in two different browsers preferably IE and Firefox. Note any differences in appearance. It is the structure of the html document that is important for this assignment and not the formatting. We will work on the presentation or formatting later using CSS.

## Part E: Home page

Create your home page which is the web page that visitors will go to by default when they type in your URL without a specific HTML filename. All home pages for websites have the filename `index.html` and this is the default document that opens for each folder if a specific web page is not defined in the URL attribute. For now we will just be adding text, but next week we will be discussing images and CSS and will be making it much more interesting.

### Requirements:

1. Create a home page named `index.html` using valid HTML5.
2. Create a title for your home page and embed in `<h1>` elements.
3. Do not put your email address as text, to avoid being harvested by SpamBots.
4. Do not put items on it that may affect your privacy that shouldn't be public.
5. Create hyperlinks to each of the web pages you have created thus far to include: `freedom.html`, `factoring.html`, `rights.html`, and `bio.html`
6. Validate your document using [validator.w3.org](http://validator.w3.org) and fix all errors.

### Due Date and Assignment Submission:

Each Part of this assignment is due on successive days. Grading will be based on structure and not formatting which is done with CSS. Late assignments will be reduced 20% for each class period late.