

(1) Create an HTML page

NO CSS MAY BE USED.

Use an XHTML doctype header:

A screenshot of a code editor showing the XHTML doctype header. The text is: `!DOCTYPE html PUBLIC "-//W3C/DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">`. The code is enclosed in a box with a scrollbar on the right and navigation buttons on the left and right.

□ (2) Title

Title the page (you should always have a document title.) Use the title "Amendments to the Constitution of the USA". Also use a headline to title the page visually (in the body.)

□ (3) Copy text file

[this text file](#) is the source text for the HTML page. ()

*Validate the page **then** continue to the next task; better to not let problems build up.*

□ (4) Outline Tags

Amendments shall be converted into a numbered outline. The title "Amendment ___" shall be deleted as well. For example (notice I don't care about indented lists having two numbers:)

1. Congress shall make no law respecting an establishment of religion, or prohibiting the free exercise thereof...

2.

1. Neither slavery nor involuntary servitude...

2. Congress shall have power to enforce this article...

Viewing the Source of a similar example.html page can help you get started...perhaps even this page.

Use Regular Expressions to save time: `Amendment\s+\w+` (case sensitive) and replace it with HTML list item tag. Try to figure out how you can do it in just 1 search / replace + some typing at the top and bottom.

You may also find a Find All feature of your editor, that can be useful to avoid messing up the document.

Try to use Regular Expressions to replace the numbers with list tags for the sub items in some of the later Amendments (after you put in the order list tags.)

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□ (5) Long Amendments

Use paragraph tags on their paragraphs (*don't worry about the extra white space at the top.*) Do not use multiple BR tags when a single P tag will do; that

is, don't use two or more BR tags in a row (*that is a sign you should have used a P tag.*)

Validate

Validate the page then continue to the next task; better to not let problems build up.

☐ (6) HR

Horizontal Rule line dividing the amendments from the title part of the page.

☐ (7) TOC

Only using: ,,<a> tags create a TOC (mouse over this) below the title and above the rule line. Each amendment shall have an entry in the TOC.

The links you create are internal page links so they only are a made up name of an ID attribute on another tag somewhere down in the page. You can view the source of the [Wikipedia page](#) linked further down in the assignment for an example.

Regular Expressions could help on this too: copy the source text file into a blank document. Find the (Amendment\s+\w+) replace it with itself

using \1 or \$1 because you grouped/captured it using () in the regexp.. here is an example replace string to get you started: \1

One could do a search for all lines that don't start with < and replace them with nothing. Then you have most the work done!

☐ (8) TOC links

Make sure TOC links scroll down to the corresponding Amendment down in the page.

This means you have to have matching IDs on the LI tags so the A tag has an "Anchor" to jump to - hence the name of the A tag: Anchor and why it's not called the link tag.

☐ (9) top link

Each amendment shall have a link labeled "[TOP](#)" at its bottom which jumps back up to the TOC.

Validate if you are unsure of where you placed the A tag. Yes, you'll also need an anchor ID for the TOC so the browser knows where the TOC is to scroll to.

Paste probably better than search and replace... that is, unless you didn't put in the sub-item lists then you could do it here. Or... you could and then delete the extra top links.

☐ (11) Search & Replace

Every occurrence in the document of the word "United States" shall be marked STRONG. (which usually looks bold)

Search and Replace can be done here without regular expressions.

I am not implying the USA is strong. It conveys "bold" without specifying an appearance of bold. So it would screen read strongly.

☐ (12) External Links

Every occurrence in the document of the branches of government: Executive, Judicial, Legislative along with President, VP, House, Senate will be LINKS to http://en.wikipedia.org/wiki/United_States_Constitution to the exact article in that page defining that particular branch (*get close if they don't have one at that exact place in the document.*)

Search and Replace can be done here without regular expressions.

Try clicking the wikipedia table of contents links and look at your URL...

☐ (13) Wrapping

Text formatting will "soft wrap" (a.k.a. "flow") and not be "hard wrapped" as it is in the source text file provided. (hint: ask if you do not understand.)