

Assignment 3 : Version control systems/Latex

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1 Create a unix regular expression to show all lines that contain URI's in a html file. (hrefs ...)

For this purposes I created following regular expression:

```
<[\w \d"'`]+?(?:href|codebase|cite|src|background|action|longdesc|src|profile|usemap|
classid|formaction|icon|manifest|poster)=[\d\w#:/]+?["'`]??.+?>
```

1.1 Use wget to retrieve a page

```
1 wget www.csszengarden.com
```

1.2 Use grep -E

```
1 cat index . html | grep -E " <[^\>]+?(?: href | codebase | cite | src
↪ |background | action | longdesc | src | profile | usemap | classid |
↪ formaction |icon | manifest | poster ) .* "
```

1.3 Parsing www.csszengarden.com

Results of parsing:

```
1 <link rel="stylesheet" media="screen" href="/214/214.css?v=8may2013">
2 <link rel="alternate" type="application/rss+xml" title="RSS"
↪ href="http://www.csszengarden.com/zengarden.xml">
3 <script src="script/html5shiv.js"></script>
4 <p>Download the example <a href="/examples/index" title="This page's
↪ source HTML code, not to be modified.">html file</a> and <a
↪ href="/examples/style.css" title="This page's sample CSS, the file you
↪ may modify.">css file</a></p>
```

5 <p>Strong visual design has always been our focus. You are modifying
↪ this page, so strong <abbr title="Cascading Style Sheets">CSS</abbr>
↪ skills are necessary too, but the example files are commented well
↪ enough that even <abbr title="Cascading Style Sheets">CSS</abbr> novices
↪ can use them as starting points. Please see the <a
↪ href="http://www.mezzoblue.com/zengarden/resources/" title="A listing of
↪ CSS-related resources"><abbr title="Cascading Style Sheets">CSS</abbr>
↪ Resource Guide for advanced tutorials and tips on working with <abbr
↪ title="Cascading Style Sheets">CSS</abbr>.</p>

6 <p>Download the sample <a href="/examples/index" title="This page's
↪ source HTML code, not to be modified.">HTML and <a
↪ href="/examples/style.css" title="This page's sample CSS, the file you
↪ may modify.">CSS to work on a copy locally. Once you have completed
↪ your masterpiece (and please, don't submit half-finished work)
↪ upload your <abbr title="Cascading Style Sheets">CSS</abbr> file to a
↪ web server under your control. <a
↪ href="http://www.mezzoblue.com/zengarden/submit/" title="Use the contact
↪ form to send us your CSS file">Send us a link to an archive of that
↪ file and all associated assets, and if we choose to use it we will
↪ download it and place it on our server.</p>

7 <p>This is a learning exercise as well as a demonstration. You retain
↪ full copyright on your graphics (with limited exceptions, see <a
↪ href="http://www.mezzoblue.com/zengarden/submit/guidelines/">submission
↪ guidelines), but we ask you release your <abbr title="Cascading
↪ Style Sheets">CSS</abbr> under a Creative Commons license identical to
↪ the <a href="http://creativecommons.org/licenses/by-nc-sa/3.0/"
↪ title="View the Zen Garden's license information.">one on this site
↪ so that others may learn from your work.</p>

8 <p role="contentinfo">By Dave
↪ Shea. Bandwidth graciously donated by <a
↪ href="http://www.mediatemple.net/">mediatemple. Now available: <a
↪ href="http://www.amazon.com/exec/obidos/ASIN/0321303474/mezzoblue-20/">Zen
↪ Garden, the book.</p>

9 <a href="http://validator.w3.org/check/referer" title="Check the
↪ validity of this site's HTML" class="zen-validate-html">HTML

10 <a href="http://jigsaw.w3.org/css-validator/check/referer"
↪ title="Check the validity of this site's CSS"
↪ class="zen-validate-css">CSS

11 <a href="http://creativecommons.org/licenses/by-nc-sa/3.0/"
↪ title="View the Creative Commons license of this site:
↪ Attribution-NonCommercial-ShareAlike." class="zen-license">CC

```

12     <a href="http://mezzoblue.com/zengarden/faq/#aaa" title="Read about
↳ the accessibility of this site" class="zen-accessibility">A11y</a>
13     <a href="https://github.com/mezzoblue/csszengarden.com" title="Fork
↳ this site on Github" class="zen-github">GH</a>
14     <a href="/221/" class="design-name">Mid Century Modern</a> by
↳ <a href="http://andrewlohman.com/" class="designer-name">Andrew
↳ Lohman</a>
15     <a href="/220/" class="design-name">Garments</a> by
↳ <a href="http://danielmall.com/" class="designer-name">Dan Mall</a>
16     <a href="/219/" class="design-name">Steel</a> by <a
↳ href="http://steffen-knoeller.de" class="designer-name">Steffen
↳ Knoeller</a>
17     <a href="/218/" class="design-name">Apothecary</a> by
↳ <a href="http://trentwalton.com" class="designer-name">Trent Walton</a>
18     <a href="/217/" class="design-name">Screen Filler</a> by
↳ <a href="http://elliotjaystocks.com/" class="designer-name">Elliot Jay
↳ Stocks</a>
19     <a href="/216/" class="design-name">Fountain Kiss</a> by
↳ <a href="http://jeremycarlson.com" class="designer-name">Jeremy
↳ Carlson</a>
20     <a href="/215/" class="design-name">A Robot Named Jimmy</a> by
↳ <a href="http://meltmedia.com/" class="designer-name">meltmedia</a>
21     <a href="/214/" class="design-name">Verde Moderna</a> by
↳ <a href="http://www.mezzoblue.com/" class="designer-name">Dave Shea</a>
22     <a href="/214/page1">
23     <a href="http://www.mezzoblue.com/zengarden/alldesigns/"
↳ title="View every submission to the Zen Garden.">
24     <a href="/214/214.css" title="View the source CSS file of the
↳ currently-viewed design.">
25     <a href="http://www.mezzoblue.com/zengarden/resources/"
↳ title="Links to great sites with information on using CSS.">
26     <a href="http://www.mezzoblue.com/zengarden/faq/" title="A list
↳ of Frequently Asked Questions about the Zen Garden.">
27     <a href="http://www.mezzoblue.com/zengarden/submit/" title="Send
↳ in your own CSS file.">
28     <a href="http://www.mezzoblue.com/zengarden/translations/"
↳ title="View translated versions of this page.">

```

2 Dutch telephone numbers

For matching telephone numbers I designed following regular expression:

```
[\\+]?([\\d]{1,3}[\\s\\-])?([\\(\\{1}[\\d]{1,6}[\\)\\}])?([\\d\\s\\-\\/]{3,20})((x|ext)[\\s]?[\\d]{1,4})?
```