Homework 2 – Practice CSS!

# Prelim

* Finish the W3C Schools HTML and CSS tutorials and quizzes, I suggest you use <oXygen/>
* Feel free to help one another on these challenges
* Start tinkering around with code/examples/site sections you might display for your portfolio
* Save your files somewhere that you can get to them easily (email, dropbox, usb drive, netfiles)
* Keep your stuff orderly (a folder per project, group images, etc…)
* **Due Monday, January 28th by 11:59p**

# Practice Coding

1. Create a full style set with a color theme. Use a simple web page to demonstrate them (see the picture on the right). Make sure to use an external CSS file and make a simple web page to show them all off. Include:
   1. Headers 1-6
   2. A + pseudo classes
   3. New HTML5 elements: header, aside, footer, section, article, nav
   4. Table components
   5. Quote, pre, lists, img
2. Go through this guide: <http://shapeshed.com/default_styles_for_css/> to add to your stylesheet. Make sure to include comments to divide up sections.
3. Create a page container (hint: use a selector -> id/class -> <http://www.w3schools.com/cssref/css_selectors.asp>) with all of your content that is a fixed width (let’s do 960px) and has fluid margins.
4. Create a three column fluid layout (one that changes size to fill the entire browser window when you resize it). Use any combination of styles you like, but I suggest div’s, float, and clear. No tables! Remember fluid means the design will expand to fill the entire window, but you can set one or two columns to a static width if you like.
5. Turn this vertical bulleted list of links:

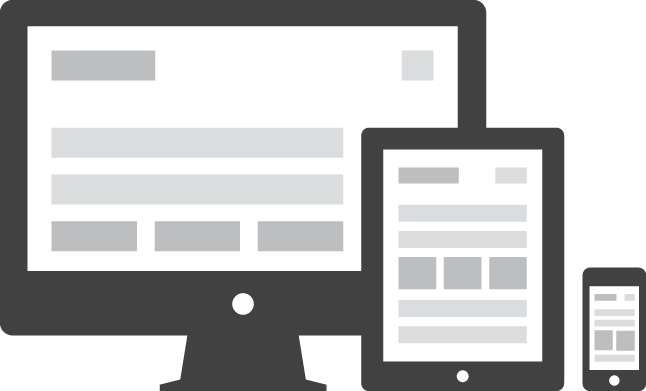
* Home
* About
* Portfolio
* Contact

Into this horizontal bulleted list of links:



Note that:

* The first link is highlighted – it’s a pseudo class for hover or active
* There are several ways to do this!

1. Make a simple responsive website design style sheet (picture to the right).
   1. First read about what responsive web design is (<http://webdesign.tutsplus.com/articles/design-theory/designing-for-a-responsive-web/>) or (<http://johnpolacek.github.com/scrolldeck.js/decks/responsive/>)
   2. Your design should have three widths: computer (1232px), tablet (768px), and cell phone (480px)
   3. Make use of @media queries (<http://www.onextrapixel.com/2012/04/23/responsive-web-design-layouts-and-media-queries/>)
   4. Make sure you use fluid images (<http://unstoppablerobotninja.com/entry/fluid-images>)
2. Mimic this content layout, use your own pictures or text:

