

**Assignment #4 (worth 15 points)**

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**Objective:** Learn and practice CSS for navigation menus. Also, learn the technique for RTL web pages.

**Submission Deadline:** Host your page on <http://liveweave.com> (Don't make the link public). Then e-mail the link by Nov. 7, 2016.

**You are to build an Arabic page with a 2-level horizontal menu. Your menu should be more-or-less an RTL (Arabic) version of:**

**Link1:** <http://netdna.webdesignerdepot.com/uploads7/create-a-stunning-menu-in-css3/demo/>

For some basic techniques for building a CSS3 horizontal menu (with submenus), browse <http://designmodo.com/css3-dropdown-menu/>

Your menu *must be in Arabic (right-to-left)* with its *own theme* [background, font (size, style, color)] and must include a cool *hover* and *current* settings. For *current* setting, have one of the menu entries use a *class="current"* and provide some appropriate CSS rule for this class. Also, do the following:

1. **The top menu must use images from a vector (icon) font. Note: Do not use images for submenu – just have some cool hover effect.** For some popular ICON fonts: <http://metroui.org.ua/icons.html> or <http://fortawesome.github.io/Font-Awesome/get-started/>
2. **HTML and CSS Validation:** Use W3C **HTML5** and **CSS3** validators to ensure that your page is free of HTML or CSS errors. Use *Validate by direct input*.

For help on RTL, browse the following:

<http://www.w3.org/International/questions/qa-html-dir>

<http://www.i18nguy.com/markup/right-to-left.html>

**Namely, you should utilize the “dir” HTML attribute and/or CSS “direction” property. Also, consider utilizing CSS “text-align” property.**

**Some useful info on CSS3 Menus and vector fonts:**

- How-to-use-font-awesome, <http://www.phpgang.com/how-to-use-font-awesome-iconic-font-using-css-556.html>
- A CSS3 Mega Drop-Down Menu, <http://designmodo.com/create-css3-mega-menu/>
- Free-html5-css3-menus, <http://www.instantshift.com/2014/01/30/free-html5-css3-drop-down-menus/>
- Create a Simple CSS Dropdown Menu (w/Video), <http://blog.teamtreehouse.com/create-simple-css-dropdown-menu>
- Pure CSS Dropdown Menu (Video on YouTube), <http://www.youtube.com/watch?v=BcNgSCjjilc>