CSS 3 Exercises

Sep 17

# Exercise 1 (Inspect Design)

In this exercise you will learn to inspect a real design file and to convert it to HTML and CSS. Follow the steps below:

1. Go to **Figma.com** and create a new account (using your .edu email)
2. Go to **figma.com/community** to explore design files
3. Search for a design file that is close to your website idea and has both *desktop* and *mobile* version within the same design file. (for example **blog**, e-commerce, portfolio, etc.)
4. Choose a theme that you like, open it, and then click **“Open in Figma”**
5. Turn on the Dev modefrom the top right corner
6. Implement the style to your website including
   1. Overall layout
   2. Fonts
   3. Paragraph properties
   4. Colors
   5. Spacing
   6. Icons/images

Notes:

* If your website misses some HTML parts that do not have corresponding parts of the design, then add them
* Do not assume properties values from your head, instead use the values exactly as indicated in the design

# Exercise 2 (Mobile Version)

In this exercise you will learn how to make your website mobile-friendly. Follow the steps below:

1. Go back to your website that you created in exercise #1
2. View your website in Chrome, inspect your website and click on the Toggle Device Toolbar icon  (if you are using a different browser then the details of this step will be different a bit)
3. Change the width of the screen to 600px
4. Observe your website layout when previewed on a small screen and note down some **UI errors** in the box below before making it mobile friendly.

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1. Go back to the Figma design and inspect the mobile version of your website design.
2. Go back to your CSS file, add a media query for screen sizes of max width 600px.
3. Apply the mobile version styles to your website.

# Exercise 3: Arabic version

In this exercise you will learn how to turn your website to Arabic. Follow the steps below:

1. Copy your main page HTML file and add (-ar) to the file name
2. Add a property to the html tag **“dir=rtl”** to change the direction of everything to right-to-left.
3. Translate and rewrite the content of your website to Arabic
4. Select a nice font from Google Fonts and apply it to your website for all body font taking into consideration to use bolder weights for higher level headings.
5. Add a link in the main page to change the language to Arabic and vice versa.