


# CSS 3 Exercises

Sep 17

## Exercise 1 (Inspect Design & Typography)

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 mode  from the top right corner
6. Implement the font related styles to your website including
  - a. Fonts
  - b. Paragraph properties
  - c. Colors 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: 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.

## **Exercise 3: Transition**

In this exercise you will learn how to transition CSS properties from two different states. Apply the following:

- 1- Make the background color of your website buttons change smoothly when they are hovered over.
- 2- Add a Hamburger icon at the beginning of your navbar and hide its elements by default. When some hover over the navbar icon show them one after the other (add some delay).

## **Exercise 4: Animation**

In this exercise you will learn how to use some advanced CSS animation. Follow the steps bellow:

- 1- Select one of the loaders shown in the image below
- 2- When someone opens your website, show this initially, then show your website content after 2 seconds.

