# CSS INTRODUCTION

## APRIL 2022

## YONATAN BENEZRA

## - DO NOT DISTRIBUTE –

## - DO NOT COPY – ALL RIGHTS RESERVED TO THE AUTHOR –

- CSS stands for Cascading Style Sheets
- CSS describes how HTML elements are to be displayed on the screen, on paper, or in other media
- CSS saves a lot of work. It can control the layout of multiple web pages all at once
- External stylesheets are stored in CSS files

CSS is used to define styles for your web pages, including the design, layout, and variations in display for different devices and screen sizes.

## CSS Solved a Big Problem

HTML was NEVER intended to contain tags for formatting a web page!

HTML was created to describe the content of a web page, like:

```
<h1>This is a heading</h1>
<p>This is a paragraph.</p>
```

When tags such as <font> and color attributes were added to the HTML 3.2 specification, it initiated a nightmare for web developers. The development of large websites, where fonts and color information were added to every single page, became a long and expensive process.

To solve this problem, the World Wide Web Consortium (W3C) created CSS.

CSS removed the style formatting from the HTML page!

## CSS Saves a Lot of Work!

The style definitions are normally saved in external .css files.

With an external stylesheet file, you can change the look of an entire website by changing just one File!

Let's try this out :)

Create a style.css file next to your index.html file (if you do not have an index.html file, create one now)

Inside your style.css, write the following:

```
h1 {
    color: blue;
}
```
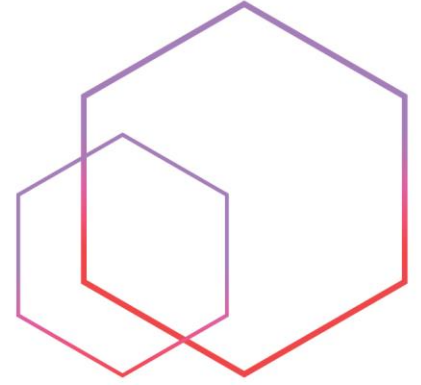
### Exercise
Create a folder with a CSS file along with an HTML file
using the two files, and create a table that stores data regarding 5 friends from your army unit with the following headers:

- name
- position
- age

**color the <th> tags in blue.**

Don't worry, the data does not need to be correct :)

# CSS

What we will learn:

- Properties and values
- Selectors
- Specificity
- CSS units
- Display
- Colors and Backgrounds
- Margins, Padding, and Borders
- Box Model
- Text and Font Properties

For this lesson, we will still use our index.html and style.css.

If you do not have them, please create them now. If you are not sure how, return to the files-setup lesson.