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**Assignment 1**

**CSS Units**

Many units are used in CSS for expressing a length for many CSS properties like width, margin, padding, etc. Length is a number followed by a length unit, such as 10px, 2em without white space between the number and the unit.

If the length is 0, it can be omitted.

There are two types of length units: relative and absolute.

1. **Relative Length Units**

Specify a length relative to another length property. Relative length units scales better between different rendering mediums.

* em: relative to the font-size of the element.

Example:

div {

font-size: 30px;

border: 1px solid black;

}

span {

font-size: 0.5em;

}

<div>The font-size of the div element is set to 30px. <span>The span element inside the div element has a font-size of 0.5em, which equals to 0.5x30 = 15px</span>.</div>

1. **Absolute Lengths**

Fixed and a length expressed in

* cm ( centimeters)
* mm (millimeters)
* in (inches 1in = 96px = 2.54cm)
* px (pixels 1px relative to the viewing device)

Reference: http://www.w3schools.com/cssref/css\_units.asp