1. em Vs rem

em and rem are both relative length units.

em:

* relative to the font-size of the parent, in the case of typographical properties like font-size
* relative to the font size of the element itself, in the case of other properties like width.

Rem: relative to the font-size of the root element.

2. css selectors:

.class ---- selects all elements with class name

#id ---- selects the element with a specific id

div ~ p ---- selects every <p> element that are preceded by a <p> element

div p ---- selects all the <p> elements inside <div> elements

div > p ---- selects all <p> elements where the parent is a <div> element

div + p ---- selects all <p> elements that are placed immediately after <div> elements

[target] ---- selects all elements with a target attribute

p:first-child ---- selects every <p> element that is the first child of its parent

p::first-letter ---- selects the first letter of every <p> element

p::first-line ---- selects the first line of every <p> element

p::first-of-type ---- selects every <p> element that is the first <p> element of its parent

input:readonly ---- Selects input elements with the "readonly" attribute specified

input:required ---- Selects input elements with the "required" attribute specified