**What is VW & VH?**

1. They are **CSS units**
2. Different units:

* **px**: absolute unit, looks identical on every screen, used for icon sizes, margins, padding, and the width of containers
* **%**: based on the parent element, used for paddings, margins, and the gap between elements
* **rem**: used for font sizes, paddings, gap between elements, based on the font size set in HTML, not going to scale up or down depending on your screen size, more adaptable than px, easier to work with than em

(the default font size is 16px in HTML)

1 rem = 16px (often used)

2 rem = 32px

0.5 rem = 8px

* **em**: based on the font size of the parent element, almost only used for:

1. line height: 150% of the font size is a good line height (font size: 1 rem; line height: 1.5 rem)
2. button padding: padding going to be changed according to the font size

* **vh**: viewport height, 100vh = top to bottom
* **vw**: viewport width, 100vw = left to right

(viewport: the area in which your website can be seen, depends on the size of your browser window)

vh and vw are used whenever you want something to cover the whole viewport, or at least a certain amount of the viewport