Pseudo-classes refer to special states of elements on a site. For example, pseudo-classes can style an element when it is moused over or clicked by a user, can style viewed and unviewed links differently, and can style elements when they are given focus by a user. Some of the most common are the following “anchor pseudo-classes:”

* A:link {.......}: the standard view of the link, unvisited and not hovered over
* A:visited {.....}: the view of the link after a user has clicked on it and returned to the previous page
* A:hover {.....}: the view of the link if the user is hovering over it but not clicking.
* A: active {.....}: a view of the link when it has been selected.

Pseudo elements, much like pseudo-classes, are ways to style specific parts of an element. They can style the first letter or line of an element or insert content before or after an element. The following are examples of pseudo-elements:

* P::first-line {...}: used to style the first line of the element. A few properties that can apply to the p::first-line are font, color, background, spacing, decoration, alignment, transformation, etc.
* P::first-letter {...}: used to add style to the first letter of a text. Properties that can be applied here are font, color, background, margin, padding, border, decoration, align, transform, height, float, and clear.

Float is used for positioning and formatting content on a webpage. It is commonly used for images to let them float around text containers. It can have the following values: left, right, none (default), and inherit (in which the element inherits its parent’s float value. It is expressed as img {float: left;}.

The clear property specifies what happens to elements that are next to floating elements. It can have the following values: none (default), left, right, both, or inherit. Clearing elements should match the floating elements, so if an element floats left, the surrounding content should clear left.

Links Used:

<https://www.w3schools.com/css/css_pseudo_classes.asp>

<https://www.w3schools.com/css/css_pseudo_elements.asp>

<https://www.w3schools.com/css/css_float.asp>

https://www.w3schools.com/css/css\_float\_clear.asp