**Assignment 1**

* **What does Relative Positioning do?**

Relative Positioning positions an element based on its current position without changing layout.

* **What does Absolute Positioning do?**

Absolute Positioning positions an element based on its closest positioned ancestor position.

* **What does CSS Box Sizing do?**

The CSS Box Sizing property allows us to include the padding and border in an element's total width and height.

* **What is Padding?**

Padding is a CSS property that defines the space between an element content and its border (if it has a border). If an element has a border around it, padding will give space from that border to the element content which appears in that border. If an element does not have a border around it, then adding padding has no effect at all on that element, because there is no border to give space from.

* **What is a Margin?**

Margin is a CSS property that defines the space of outside of an element to its next outside element. Margin affects elements that both have or do not have borders. If an element has a border, margin defines the space from this border to the next outer element. If an element does not have a border, then margin defines the space from the element content to the next outer element.

* **What is the difference between margin and padding?**

So the difference between margin and padding is that while padding deals with the inner space (the space between an element content and the border), margin deals with the outer space (the space outside of the element) to the next outer element. Thus, padding and margin have crucial differences that allows them to play key roles in styling a web page.

**References**

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