**HTML <!DOCTYPE> Declaration**

The declaration is not an HTML tag. It is an "information" to the browser about what document type to expect.

## Position

1. **static:** Default
2. **relative**

* The element is positioned relative to its normal position.
* The top, right, bottom, and left properties can be used.

1. **absolute**

* The element is positioned relative to its nearest positioned ancestor.
* The top, right, bottom, and left properties determine the final position.

1. **fixed**

* The element is positioned relative to the viewport.
* Remains in the same position even when the page is scrolled.
* The top, right, bottom, and left properties determine the final position.

1. **sticky**

* The element is treated as relative until it crosses a specified threshold, at which point it is treated as fixed.
* The top, right, bottom, and left properties determine the thresholds at which the element switches from relative to fixed.

*div {*

*position: sticky;*

*top: 0; /\* Becomes fixed when its top edge reaches the top of the viewport \*/*

*}*

## Display

1. **block**

* Width match parent.
* The width and height can be set explicitly.

1. **inline**

* Width wrap content.
* The width and height cannot be set.

1. **inline-block:** Inline element but can have width and height set like a block element.
2. **flex:** Children of a flex container can be aligned and distributed in various ways.
3. **grid:** The element is displayed as a grid container.
4. **none:** The element is not displayed at all.
5. **table**

* The element is displayed as a table, similar to the <table> HTML element.
* table-row: Equivalent to a <tr>.
* table-cell: Equivalent to a <td>.
* table-caption: Equivalent to a <caption>.