Alignment and Display in CSS

Text Alignment

text-align: This property controls the horizontal alignment of the text within an element.

left: Aligns the text to the left.

center: Centers the text within the element.

right: Aligns the text to the right.

justify: Justifies the text, aligning it to both the left and right margins.

Vertical Alignment

vertical-align: This property controls the vertical alignment of an element within its parent element.

baseline: Aligns the element's baseline with the baseline of its parent.

top: Aligns the top of the element with the top of its parent.

middle: Centers the element vertically within its parent.

bottom: Aligns the bottom of the element with the bottom of its parent.

Display Property

display: This property controls how an element is displayed.

block: Creates a new block-level element, which takes up the full width of its parent container and starts on a new line.

inline: Creates an inline element, which is displayed in the same line as other inline elements.

inline-block: Creates an inline element that can have a width and height, similar to a block element.

flex: Enables the flexbox layout model for the element and its children.

Example HTML Document:

HTML

<!DOCTYPE html>

<html>

<head>

<title>Alignment and Display</title>

<style>

.text-container {

width: 300px;

border: 1px solid black;

padding: 10px;

}

.text-container p {

text-align: center;

}

.vertical-align-container {

display: flex;

align-items: center;

}

.vertical-align-container img {

height: 50px;

margin-right: 10px;

}

.display-container {

display: flex;

justify-content: space-between;

}

.display-container div {

border: 1px solid black;

padding: 10px;

}

</style>

</head>

<body>

<h2>Text Alignment</h2>

<div class="text-container">

<p>This text is centered.</p>

</div>

<h2>Vertical Alignment</h2>

<div class="vertical-align-container">

<img src="image.jpg" alt="Image">

<p>This text is vertically aligned with the image.</p>

</div>

<h2>Display Property</h2>

<div class="display-container">

<div>This is a block element.</div>

<div>This is another block element.</div>

</div>

</body>

</html>