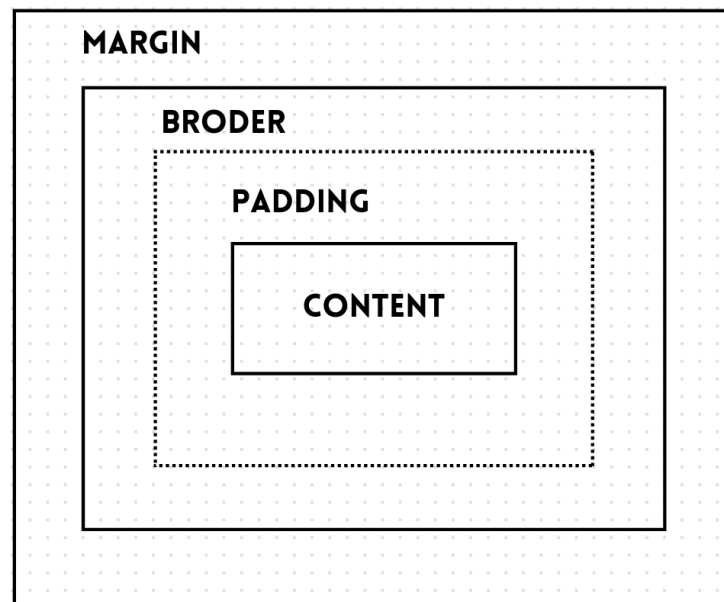


Day 7.1 Box Model

Box Model

The CSS box model is a fundamental concept in web design that describes how elements on a webpage are structured and how their dimensions are calculated. It defines how an element's content, padding, borders, and margins are laid out within the available space. The box model helps you understand and control the spacing and sizing of elements on a webpage.

CSS BOX MODEL



The CSS box model consists of four main components:

1. **Content:** This is the actual content of the HTML element, such as text, images, videos, etc. The width and height of an element's content are determined by its CSS

properties, like `width` and `height`.

2. **Padding:** Padding is the space between the content and the element's border. It provides internal spacing within the element. You can adjust the padding using the padding property. Padding can be set individually for each side using properties like `padding-top`, `padding-right`, `padding-bottom`, and `padding-left`.
3. **Border:** The border surrounds the padding and content and defines a visible boundary for the element. You can set the border's thickness, style, and color using the border property. Similar to padding, you can set individual borders for each side using properties like `border-top`, `border-right`, `border-bottom`, and `border-left`.
4. **Margin:** The margin is the space between an element's border and adjacent elements. It provides external spacing and controls the distance between elements. You can set the margin using the margin property. Like padding and border, you can set individual margins for each side using properties like `margin-top`, `margin-right`, `margin-bottom`, and `margin-left`.