More with CSS

Assignment

Assignment Answer Sheet

1.What is padding and margin and when do you use them

Ans:- Padding and Margin are CSS properties used for spacing in elements:

Padding: The space inside an element, between the content and its border. Use padding to increase the space around content within an element.
Code

```
.element {

        padding: 20px;}
```

Margin: The space outside an element, between the element's border and surrounding elements. Use margin to create space between elements.

Code

```
.element { margin: 20px;}
```

Use Cases:

- **Padding: Adjusts the spacing within an element to avoid content touching the edges.**
- **Margin: Controls the space between different elements to prevent them from overlapping or to align them.**

2.What is display property and explain display inline, block, and inline-block

Ans:- The `display` property in CSS determines how an element is rendered on the page.

- `display: inline;`: **The element is displayed**

inline, meaning it flows with the surrounding text. It doesn't start on a new line, and its width and height cannot be set.

Example: `<span>` tags.

- `display: block;`: The element is displayed as a block, taking up the full width available. It starts on a new line, and you can set its width and height.

Example: `<div>` tags.

- `display: inline-block;`: The element is displayed inline like `inline`, but you can set its width and height like `block`. It doesn't start on a new line.

Example: Buttons or small containers that need specific dimensions but should still flow inline.

These properties help in controlling the layout and positioning of elements on a webpage.

3.Explain min-height, min-width, max-height, and max-width in CSS?

Ans:- In CSS:

- `min-height`: Sets the minimum height an element can be. The element will not be shorter than this value.
- `min-width`: Sets the minimum width an element can be. The element will not be narrower than this value.
- `max-height`: Sets the maximum height an element can be. The element will not grow taller than this value.
- `max-width`: Sets the maximum width an element can be. The element will not grow wider than this value.

Use Cases:

- **Min/Max Dimensions:** These properties ensure that an element's size stays within specified limits, which is helpful for responsive design and maintaining consistent layout.