

PROPERTIES

1. Selectors:

- Selectors are used to target HTML elements.
- Common selectors include element selectors (``div``, ``p``), class selectors (``.classname``), and ID selectors (``#idname``).

2. Basic Syntax:

- CSS rules consist of a selector followed by a set of curly braces ``{}``.
- Inside the braces, you define property-value pairs.

#3. Color Property:

- Sets the color of the text.
- Example: ``color: #333;`` or ``color: red;``

4. Font Property:

- Defines the font family, size, and style.
- Example: ``font-family: 'Arial', sans-serif;`` or ``font-size: 16px;``

5. Background Property:

- Sets the background color or image.

- Example: ``background-color: #eee;`` or ``background-image: url('bg.jpg');``

6. Margin and Padding Properties:

- Margin controls space outside an element, while padding controls space inside.

- Example: ``margin: 10px;`` or ``padding: 5px;``

7. Border Property:

- Defines the border around an element.

- Example: ``border: 1px solid #000;``

8. Display Property:

- Specifies how an element is displayed.

- Example: ``display: block;`` or ``display: inline;``

9. Position Property:

- Determines the positioning method of an element.

- Example: ``position: relative;`` or ``position: absolute;``

10. Flexbox and Grid Properties:

- Useful for creating flexible and responsive layouts.
- Example: ``display: flex;`` or ``display: grid;``

CSS Code Examples:

```
```css
```

```
/* Basic styling for paragraphs */
```

```
p {
```

```
 color: #333;
```

```
 font-family: 'Helvetica', sans-serif;
```

```
 font-size: 16px;
```

```
 margin: 10px;
```

```
 padding: 5px;
```

```
 border: 1px solid #ccc;
```

```
}
```

```
/* Styling a class */
```

```
.button {
```

```
 background-color: #3498db;
```

```
color: #fff;
padding: 10px 20px;
border-radius: 5px;
cursor: pointer;
}
```

```
/* Flexbox container */
.container {
 display: flex;
 justify-content: space-between;
 align-items: center;
}
```

```
/* Positioning */
.header {
 position: fixed;
 top: 0;
 left: 0;
 width: 100%;
 background-color: #222;
```

color: #fff;

padding: 10px;

}

...