CSS Typography – Notes

1. What is Typography in CSS?

Typography in CSS is used to control the **appearance of text** on a web page. It improves readability and visual design.

Typography includes: - Text properties - Spacing properties - Font properties

---

2. Text Color (`color`)

Used to change the color of text.

```css
p {
    color: blue;
}
```

---

3. Text Decoration

Used to add or remove text decorations.

Common values: - none - underline - overline - line-through

```css
a {
    text-decoration: none;
}
```

---

4. Text Transform

Used to control text case.

Values: - uppercase - lowercase - capitalize

```css
h1 {
    text-transform: uppercase;
}
```

5. Text Align

Used to align text horizontally.

Values: - left - right - center - justify

```css
p {
   text-align: center;
}
```

6. Line Height

Controls space between lines of text.

```css
p {
   line-height: 1.5;
}
```

7. Letter Spacing

Controls space between characters.

```css
h1 {
   letter-spacing: 2px;
}
```

8. Word Spacing

Controls space between words.

```css
p {
   word-spacing: 5px;
}
```

Font Properties

9. Font Size

Controls size of text.

```
p {
    font-size: 16px;
}
```

---

10. Font Weight

Controls thickness of text.

Values: - normal - bold - 100 – 900

```
h1 {
    font-weight: 700;
}
```

---

11. Font Style

Used to make text italic.

Values: - normal - italic - oblique

```
p {
    font-style: italic;
}
```

---

12. Font Family

Defines the font type.

```
body {
    font-family: Arial, Helvetica, sans-serif;
}
```

13. External Font Family (Google Fonts)

Used to apply custom fonts from external sources.

Step 1: Add link in HTML

```
<link href="https://fonts.googleapis.com/css2?family=Poppins&display=swap"
rel="stylesheet">
```

Step 2: Use font in CSS

```
body {
    font-family: 'Poppins', sans-serif;
}
```

14. Shorthand Font Property

Multiple font properties in one line.

```
p {
    font: italic bold 16px Arial;
}
```

15. Quick Summary Table

Property	Purpose
color	Text color
text-decoration	Line effects
text-transform	Text case
text-align	Alignment

Property	Purpose
line-height	Line spacing
letter-spacing	Character spacing
word-spacing	Word spacing
font-size	Text size
font-weight	Text thickness
font-style	Italic text
font-family	Font type

16. Best Practices

- Use **rem** for font sizes
- Keep line-height between **1.4 – 1.6**
- Use external fonts wisely
- Avoid too many font styles

End of Typography Notes ✨