

Class 03 CSS Fonts

CSS Fonts

Fonts play a crucial role in the look and feel of a website. CSS (Cascading Style Sheets) provides several properties to control font styles and ensure your text looks exactly how you want.

Basic Font Properties

Here are the most commonly used CSS properties for fonts:

- ➔ `font-family`: Specifies the font for an element.
- ➔ `font-size`: Sets the size of the font.
- ➔ `font-weight`: Specifies the weight (or boldness) of the font.
- ➔ `font-style`: Defines the style (normal, italic, oblique) of the font.
- ➔ `font-variant`: Displays text in a small-caps font.
- ➔ `line-height`: Sets the height between lines of text.
- ➔ `color`: Sets the color of the text.

Font Properties in CSS

1. Font Family

- ➔ Specifies the font to be used.
- ➔ Uses generic font families: serif, sans-serif, monospace, cursive, fantasy.

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

2. Font Size

- ➔ Controls the size of the font.
- ➔ Can be specified in px, em, rem, %, or vw.

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

3. Font Weight

- Defines the thickness of the text.
- Values: normal, bold, lighter, bolder, or numeric (100-900).

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

4. Font Style

- Defines the style of the text.
- Values: normal, italic, oblique.

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

5. Font Variant

- Enables small-caps text.

```
p {  
  font-variant: small-caps;  
}
```

6. Line Height

- Controls the height of a line of text.

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

CASCADING STYLE SHEET (CSS)

CSS

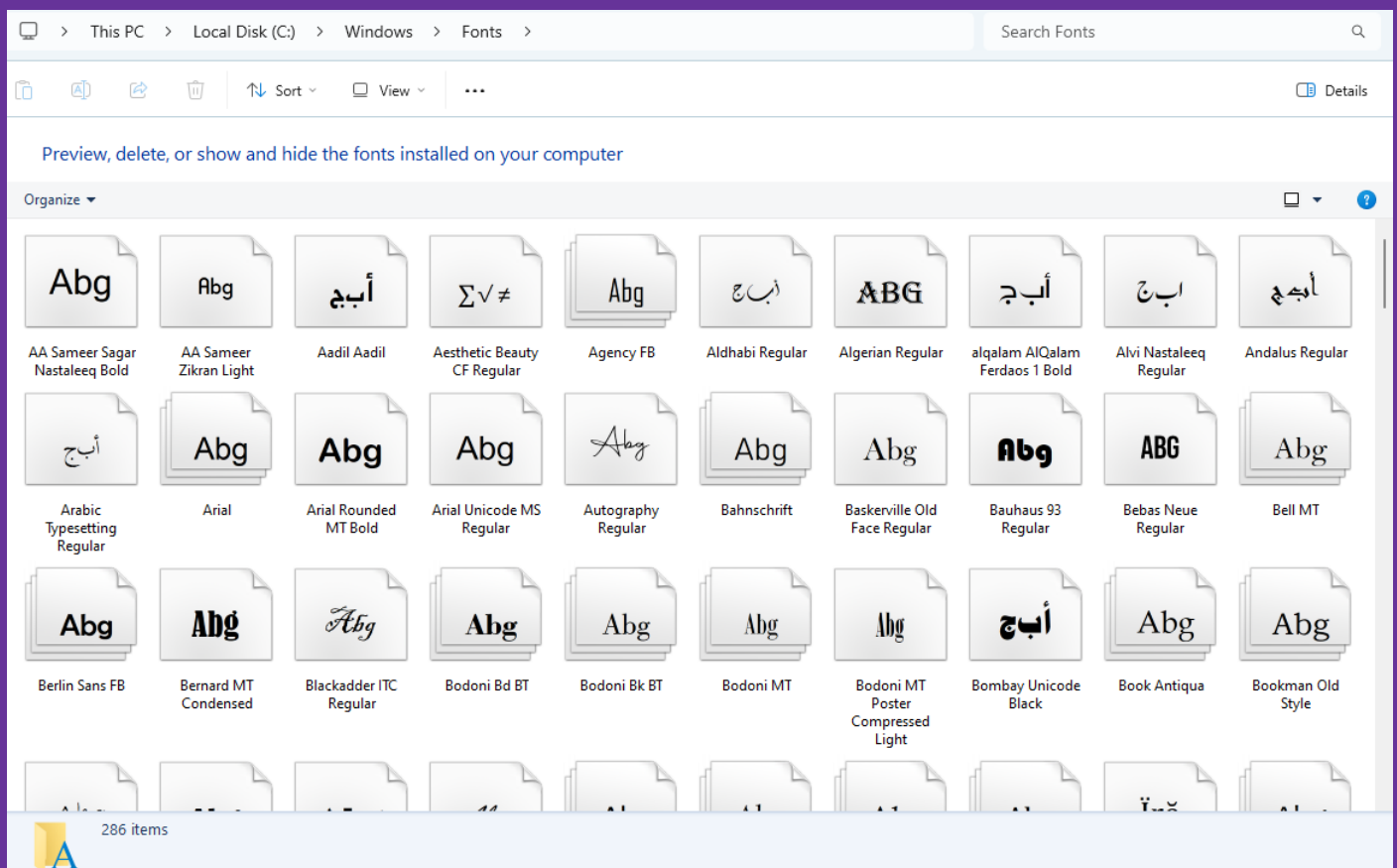
Implementing Local and Online Fonts

Using Local Fonts

Uses fonts installed on the user's device.

```
body {  
  font-family: "Times New Roman", serif;  
}
```

It contains a collection of installed fonts on the system, displayed with their respective previews. The fonts include a mix of **serif, sans-serif, cursive/script, and decorative typefaces**, as well as multilingual fonts supporting Arabic and other scripts. Users can preview, delete, or manage these fonts through this interface, and they can also install additional fonts for use in applications like Microsoft Word, Photoshop, and web development.



CASCADING STYLE SHEET (CSS)

CSS

Using Online Fonts

Uses web fonts from online sources like Google Fonts. Web fonts allow you to use fonts that are not installed on the user's computer. You can use services like Google Fonts to include web fonts in your CSS.

```
<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&display=swap" rel="stylesheet">
```

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