

# Lesson:

# Understanding the Typography



# Topics to be covered

1. Font Family
2. Text Size
3. Font Weight
4. Text align
5. Italics
6. Letter spacing
7. Line height
8. Text decoration
9. Text transform

## Font Family

There are three major families that you can use with Tailwind.

Sans, serif, and mono

**Syntax:**

```
.font-{family}
```

Families	
Sans	Helvetica or similar
Serif	Times New Roman or similar
mono	Monospace or similar

If you want to apply the font throughout the site, you can apply the class in the body tag

**Example:**

```
<!DOCTYPE html>
<html>
<head>
  <script src="https://cdn.tailwindcss.com"></script>
</head>
<body class='font-mono'>

  <p>hello, now im in mono font</p>

</body>
</html>
```

## Result:

```
hello, now im in mono font
```

## Text Size

There are many predefined classes for the text size in tailwind

### Syntax:

```
.text-{size}
```

Sizes	rem	Pixels
Xs	0.75 rem	12 px
Sm	0.875 rem	14 px
Base	1 rem	16 px
Lg	1.125 rem	18 px
Xl	1.25 rem	20 px
2xl	1.5 rem	24 px
3xl	1.875 rem	30 px
4xl	2.25 rem	36 px
5xl	3 rem	48 px
6xl	4 rem	64 px

### Example:

```
<!DOCTYPE html>
<html>
<head>
  <script src="https://cdn.tailwindcss.com"></script>
</head>
<body>

  <p class='text-6xl'>hello, im big text</p>

</body>
</html>
```

**Result:**

hello, im big text

In the above example, you can see that the size is 4 rem ( 64 px )

## Font Weight

Now let's have a look into the tailwind classes for font weight

**Syntax:**

```
.font-{weight}
```

Weight	Font Weight
hairline	100
Thin	200
light	300
normal	400
medium	500
semibold	600
bold	700
extrabold	800
black	900

**Example:**

```
<!DOCTYPE html>
<html>
<head>
  <script src="https://cdn.tailwindcss.com"></script>
</head>
<body>

  <span>Im some </span><span class='font-extrabold'>Extra Bold<span>
</body>
</html>
```

## Result:

I'm some **Extra Bold**

As you can see in the above result, the font-extra bold class which is added to the second span font weight became 800.

## Text align

To align text using Tailwind,

### Syntax:

```
.text-{align}
```

Weight
left
center
right
justify

### Example:

```
<div class="text-center" style="margin-top: 20px;">
  <span style="color: blue; font-weight: 800;">text center</span> which is
  Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur
  quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae
  quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?
</div>
<hr />
<div class="text-justify" style="margin-top: 20px;">
  <span style="color: blue; font-weight: 800;">text justify</span> which is
  Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur
  quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae
  quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?
</div>
<hr />
<div class="text-left" style="margin-top: 20px;">
  <span style="color: blue; font-weight: 800;">text left</span> which is
  Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur
  quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae
  quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?
</div>
<hr />
<div class="text-right" style="margin-top: 20px;">
  <span style="color: blue; font-weight: 800;">text right</span> which is
  Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur
  quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae
  quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?
</div>
```

## Result:

**text center** which is Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?

**text justify** which is Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?

**text left** which is Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?

**text right** which is Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?

## Italics

Now let's have a look into the tailwind classes for font weight

### Syntax:

```
.italic
.not-italic
```

To make a text italic, its really simple as just add class name as italic and to undo italic , we have a class name not-italic for that

### Example:

```
<div class="italic" style="margin: 20px;">
    <span style="color: blue; font-weight: 800;">italic</span> which is Lorem
    ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur
    quasi
        quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae quia
        incident odio voluptatem facilis inventore quaerat, placeat rem odit?
</div>
<hr />
<div class="not-italic" style="margin: 20px;">
    <span style="color: blue; font-weight: 800;">text right</span> which is
    Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi
    aspernatur
        quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae
        quia incident odio voluptatem facilis inventore quaerat, placeat rem
    odit?
</div>
```

## Result:

**italic** which is *Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?*

**not-italic** which is  **Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?**

## Letter spacing

How much space there is between letters, that's where we use the letter spacing classes.

Before that, there is a disclaimer on this

We were talking about rem's for the whole time

But letter spacing is measured in em and not in rem

The difference between rem and em is that em units are based on the parent element's font size, not the document

### Syntax:

```
.tracking-{spacing}
```

Spacings	Font Weight
tighter	-0.05em
tight	-0.025em
normal	0
wide	0.025em
wider	0.05em
widest	0.1em

So to add letter spacing, just add tracking-{spacing}, let's understand better with an help of an example

### Example:

```
<div class="tracking-tighter" style="margin: 20px;">
    <span style="color: blue; font-weight: 800;">tighter:</span>
    this have letter spacing as tighter
</div>
<hr />
<div class="tracking-tight" style="margin: 20px;">
    <span style="color: blue; font-weight: 800;">tight:</span>
    this have letter spacing as tight
</div>
<hr />
```

```

<div class="tracking-normal" style="margin: 20px;">
  <span style="color: blue; font-weight: 800;">normal:</span>
  this have letter spacing as normal
</div>
<hr />
<div class="tracking-wide" style="margin: 20px;">
  <span style="color: blue; font-weight: 800;">wide:</span>
  this have letter spacing as wide
</div>
<hr />
<div class="tracking-wider" style="margin: 20px;">
  <span style="color: blue; font-weight: 800;">wider:</span>
  this have letter spacing as wider
</div>
<hr />
<div class="tracking-widest" style="margin: 20px;">
  <span style="color: blue; font-weight: 800;">widest:</span>
  this have letter spacing as widest
</div>

```

### Result:

**tighter:** this have letter spacing as tighter

**tight:** this have letter spacing as tight

**normal:** this have letter spacing as normal

**wide:** this have letter spacing as wide

**wider:** this have letter spacing as wider

**widest:** this have letter spacing as widest

## Line Height

The space between adjacent lines can be adjusted using line height class

### Syntax:

```
.leading-{spacing}
```

Spacings	Font Weight
none	1
tight	1.25
snug	1.375
normal	1.5
relaxed	1.625
loose	2

So to adjust the line height, just add leading-{spacing}, let's understand better with a help of an example

#### Example:

```

<div class="leading-none" style="margin: 20px;">
  <span style="color: blue; font-weight: 800;">leading-none which is
  Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur
  quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae
  quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?
</div>
<hr />
<div class="leading-tight" style="margin: 20px;">
  <span style="color: blue; font-weight: 800;">leading-tight which is
  Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur
  quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae
  quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?
</div>
<div class="leading-snug" style="margin: 20px;">
  <span style="color: blue; font-weight: 800;">leading-snug which is
  Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur
  quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae
  quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?
</div>
<hr />
<div class="leading-normal" style="margin: 20px;">
  <span style="color: blue; font-weight: 800;">leading-normal which is
  Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi
  aspernatur quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum
  molestiae quia incident odio voluptatem facilis inventore quaerat, placeat
  rem odit?
</div>
<hr />
```

```

<div class="leading-relaxed" style="margin: 20px;">
  <span style="color: blue; font-weight: 800;">leading-relaxed</span> which
  is Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi
  aspernatur quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum
  molestiae quia incident odio voluptatem facilis inventore quaerat, placeat
  rem odit?
</div>
<hr />
<div class="leading-loose" style="margin: 20px;">
  <span style="color: blue; font-weight: 800;">leading-loose</span> which is
  Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur
  quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae
  quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?
</div>

```

### Result:

**leading-none** which is Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?

**leading-tight** which is Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?

**leading-snug** which is Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?

**leading-normal** which is Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?

**leading-relaxed** which is Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?

**leading-loose** which is Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?

## Text decoration

To add & remove underlines and line through, tailwind provides us with some very easy classes. Let's look into them

### Syntax:

```
// to add underline
.underline

// to remove underline
.no-underline

// to add stick through line through text
.line-through
```

Let's see them in the example

### Example:

```
<div class="underline" style="margin: 20px;">
    <span style="color: blue; font-weight: 800;">underline</span> which is
    Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur
    quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae
    quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?
</div>
<hr />
<div class="no-underline" style="margin: 20px;">
    <span style="color: blue; font-weight: 800;">no-underline</span> which is
    Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur
    quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae
    quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?
</div>
<div class="line-through" style="margin: 20px;">
    <span style="color: blue; font-weight: 800;">line-through</span> which is
    Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur
    quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae
    quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?
</div>
```

## Result:

**underline** which is   Lorem ipsum dolor sit amet consectetur, adipisicing elit.  
  Animi aspernatur quasi quae nobis, fuga culpa suscipit praesentium vero,  
  nostrum molestiae quia incident odio voluptatem facilis inventore quaerat,  
  placeat rem odit?

**no-underline** which is   Lorem ipsum dolor sit amet consectetur, adipisicing elit.  
  Animi aspernatur quasi quae nobis, fuga culpa suscipit praesentium vero,  
  nostrum molestiae quia incident odio voluptatem facilis inventore quaerat,  
  placeat rem odit?

**line-through** which is ~~Lorem ipsum dolor sit amet consectetur, adipisicing elit.~~  
~~Animi aspernatur quasi quae nobis, fuga culpa suscipit praesentium vero,~~  
~~nostrum molestiae quia incident odio voluptatem facilis inventore quaerat,~~  
~~placeat rem odit?~~

## Text transform

Many of us don't know this, actually CSS alone can do uppercase, it can do lowercase, and even capitalize

Let's see them in action using tailwind

### Syntax:

```
//to make text uppercase
.uppercase

//to make text lowercase
.lowercase

//to make text capitalize
.capitalize

//to make text to normal-case
.normal-case
```

Let's see them in the example

#### Example:

```
<div class="uppercase" style="margin: 20px;">
    <span style="color: blue; font-weight: 800;">uppercase</span> which is
    Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur
    quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae
    quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?
</div>
<hr />
<div class="lowercase" style="margin: 20px;">
    <span style="color: blue; font-weight: 800;">lowercase</span> which is
    Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur
    quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae
    quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?
</div>
<hr />
<div class="capitalize" style="margin: 20px;">
    <span style="color: blue; font-weight: 800;">capitalize</span> which is
    Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur
    quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae
    quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?
</div>
<hr />
<div class="normal-case" style="margin: 20px;">
    <span style="color: blue; font-weight: 800;">normal-case</span> which is
    Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur
    quasi quae nobis, fuga culpa suscipit praesentium vero, nostrum molestiae
    quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?
</div>
```

#### Result:

**UPPERCASE** WHICH IS LOREM IPSUM DOLOR SIT AMET CONSECTETUR, ADIPISICING ELIT. ANIMI ASPERNATUR QUASI  
QUAE NOBIS, FUGA CULPA SUSCIPIT PRAESENTIUM VERO, NOSTRUM MOLESTIAE QUA INCIDENT ODIO VOLUPTATEM  
FACILIS INVENTORE QUAERAT, PLACEAT REM ODIT?

**lowercase** which is lorem ipsum dolor sit amet consectetur, adipisicing elit. animi aspernatur quasi quae nobis, fuga culpa  
suscipit praesentium vero, nostrum molestiae quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?

**Capitalize** Which Is Lorem Ipsum Dolor Sit Amet Consectetur, Adipisicing Elite. Animi Aspernatur Quasi Quae Nobis, Fuga  
Culpa Suscipit Praesentium Vero, Nostrum Molestiae Quia Incident Odio Voluptatem Facilis Inventore Quaerat, Placeat Rem  
Odit?

**normal-case** which is Lorem ipsum dolor sit amet consectetur, adipisicing elit. Animi aspernatur quasi quae nobis, fuga  
culpa suscipit praesentium vero, nostrum molestiae quia incident odio voluptatem facilis inventore quaerat, placeat rem odit?