



## Day 17

# “Web Development + Security”

### CSS Fonts, Text and Color properties:

Default font appearance: no `<style>` tag is there

```
index.html > html > body > p
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width,
6     <title>Document</title>
7 </head>
8 <body>
9   <h1>Aditya is a boy</h1>
10  <p>This is simple</p>
11 </body>
12 </html>
```

Aditya is a boy

This is simple

Adding some font type using the CSS inside the `<style>` tag: for which we will specify the font-family for that element.

Example:

```
index.html > html > body > h1
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <style>
8     h1{
9       font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
10    }
11
12    p{
13      font-family: 'Arial', sans-serif;
14    }
15  </style>
16 </head>
17 <body>
18   <h1>Aditya is a boy</h1>
19   <p>This is simple</p>
20 </body>
21 </html>
```

Aditya is a boy

This is simple

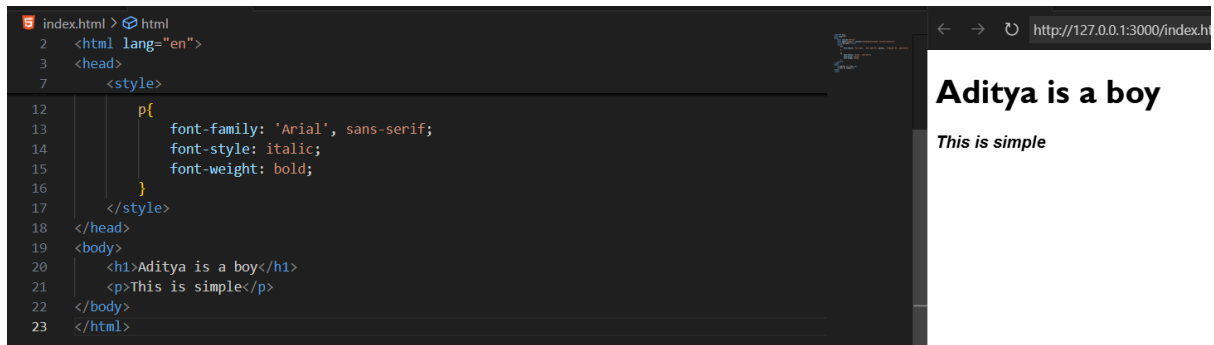
Now, an example showing the font-style value:

```
index.html > html > head > style > p
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <style>
8     h1{
9       font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
10    }
11
12    p{
13      font-family: 'Arial', sans-serif;
14      font-style: italic;
15    }
16  </style>
17 </head>
18 <body>
19   <h1>Aditya is a boy</h1>
20   <p>This is simple</p>
21 </body>
22 </html>
```

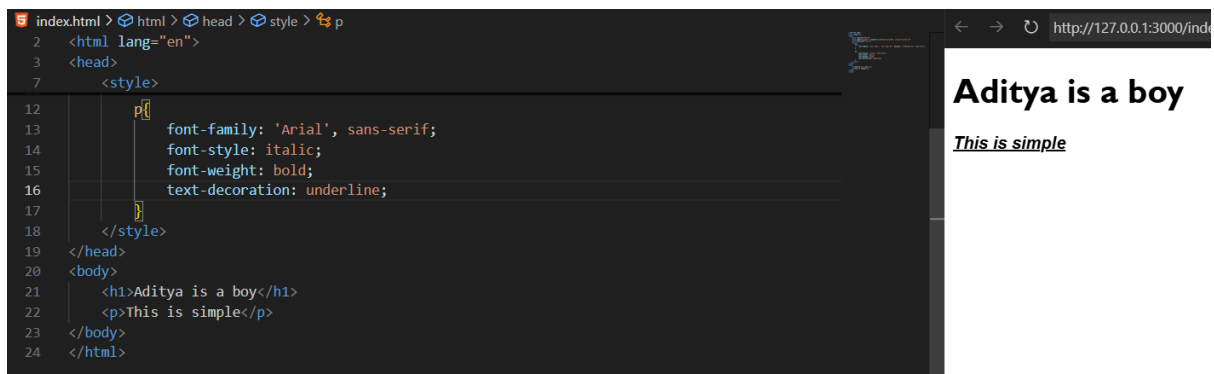
Aditya is a boy

*This is simple*

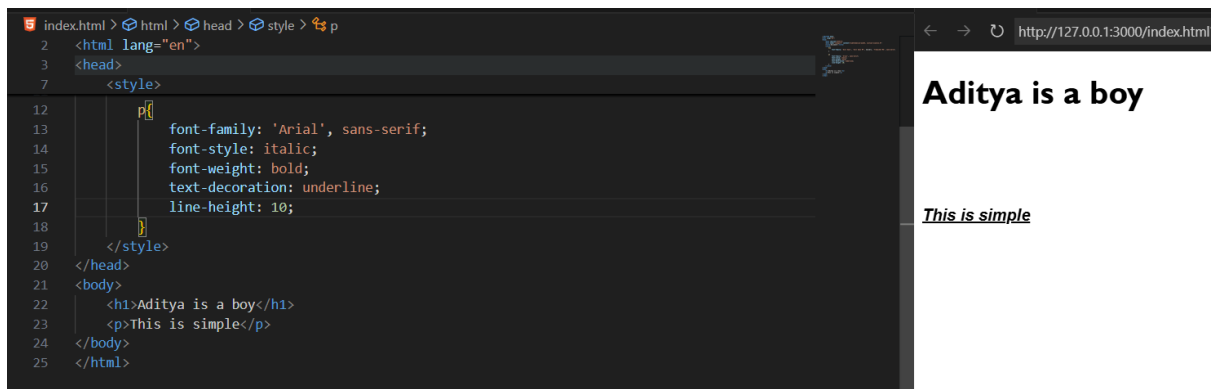
Example: use of font-weight in CSS



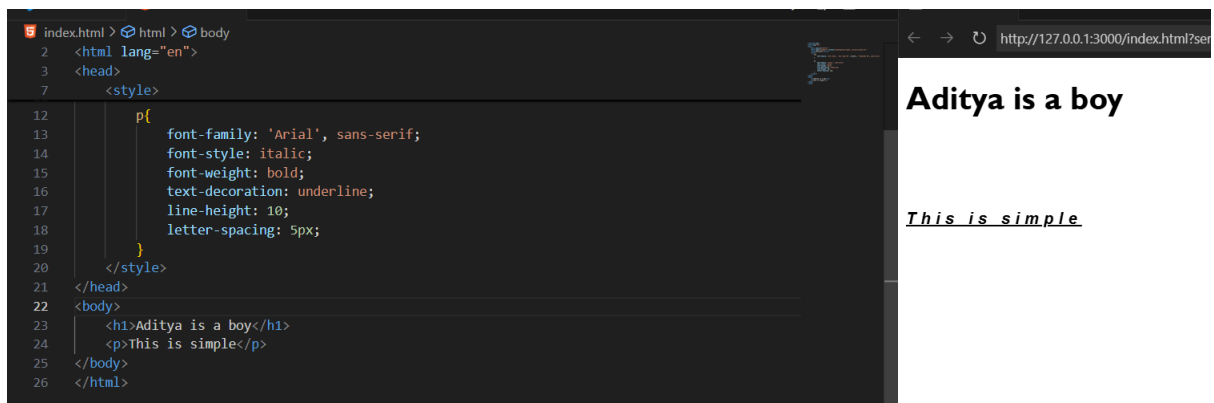
Example: use of text-decoration



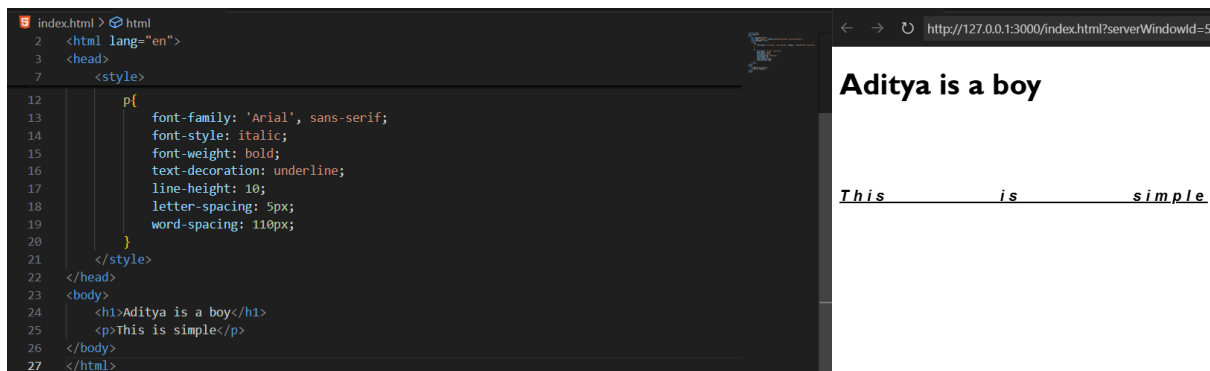
Example: use of line-height



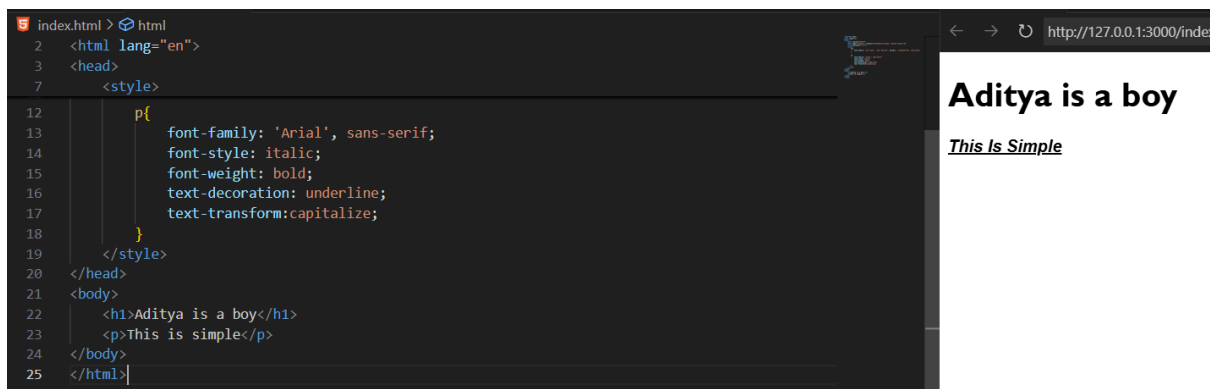
Example: use of letter-spacing



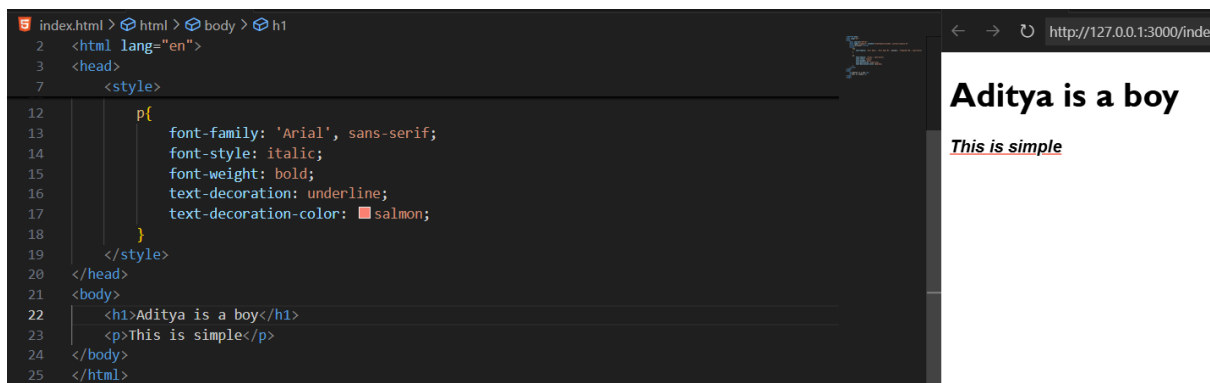
## Example: use of word-spacing



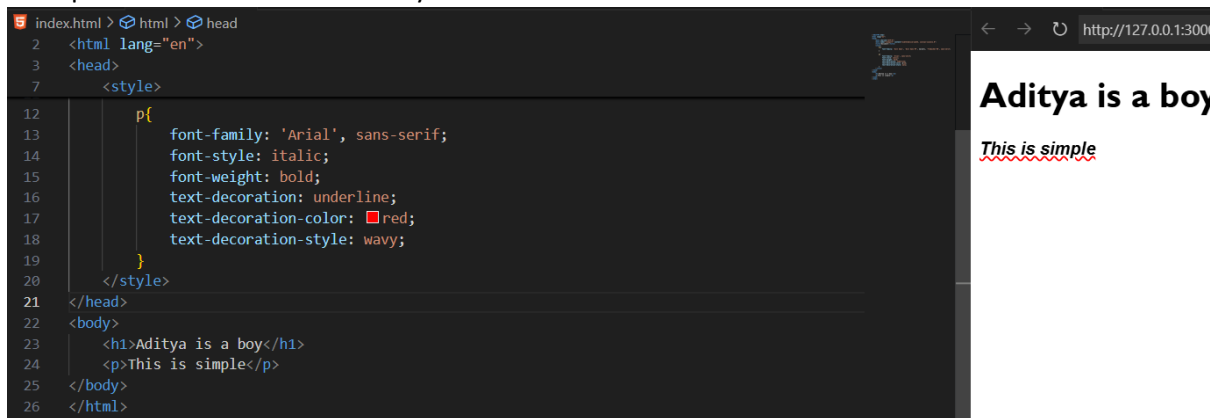
## Example: use of text-transform



## Example: use of text-decoration-color



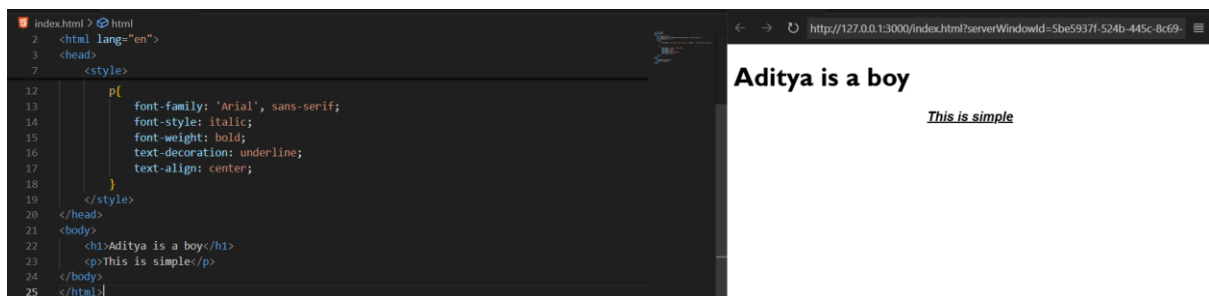
## Example: use of text-decoration-style



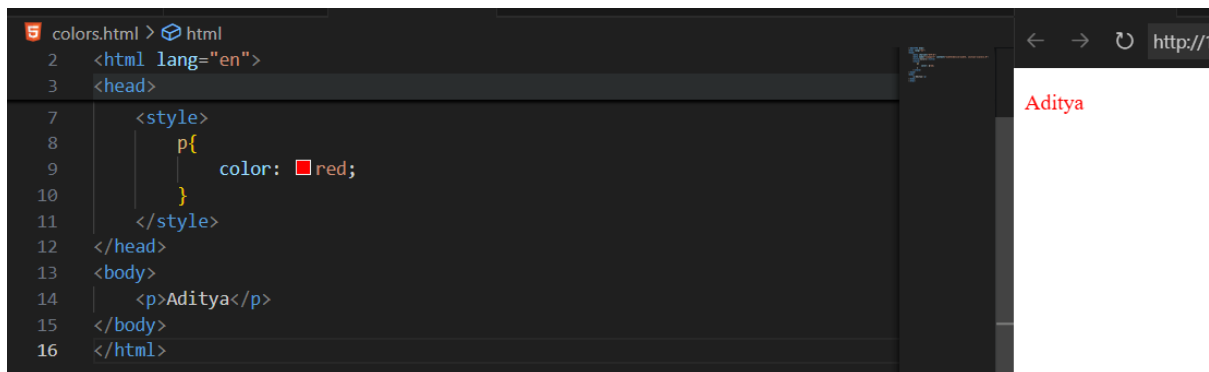
### Example: use of text-indent



### Example: use of text-align



Example: use of colors



## Ways to represent color in CSS:

Method	Example	Notes
Named Colors	color: red;	140+ predefined names (e.g., blue, gray, tomato)
HEX	#ff0000 or #f00	Hexadecimal RGB values (00–FF).
RGB	rgb(255,0,0)	Red, Green, Blue (0–255).
RGBA	rgba(255,0,0,0.5)	RGB + Alpha (opacity 0–1).
HSL	hsl(0,100%,50%)	Hue (0–360), Saturation %, Lightness %.

Method	Example	Notes
<b>HSLA</b>	<code>hsla(0,100%,50%,0.5)</code>	HSL + Alpha (transparency).
<b>color()</b>	<code>color(srgb 1 0 0)</code>	Advanced CSS4 method for modern displays.

--The End--