

Web Systems and Technologies

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- Several properties allow you to control the **appearance of text** in your documents
- These properties directly affect the **font and its appearance**

Common font properties:

1. font-family
2. font-size
3. font-weight
4. font-style
5. font-variant

Font Properties



font-family:

Specifies the typeface or family of font that should be used

Common values:

Arial, Courier/Courier New, Georgia, Times/Times New Roman and Verdana

Example:

H1 {font-family:arial;}

Font Properties



font-size:

—Specifies the size of a font

Common values:

In pixels (12px, 20px etc.)

Absolut size (small, medium, large, x-large etc.)

Example: `H1{font-size:20px;}`

font-weight:

—Specifies whether the font should be bold or normal

Common values:

Normal, bold, bolder, lighter

100, 200, 300, 400, 500, 600, 700, 800, 900

Example: `H1{font-weight:bold;}`

Font Properties



font-style:

–Specifies whether the font should be normal, italic or oblique

Common values:

Normal, italic, oblique

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

font-variant:

–Specifies whether the font should be normal or small-caps
(smaller version of upper case)

Common values:

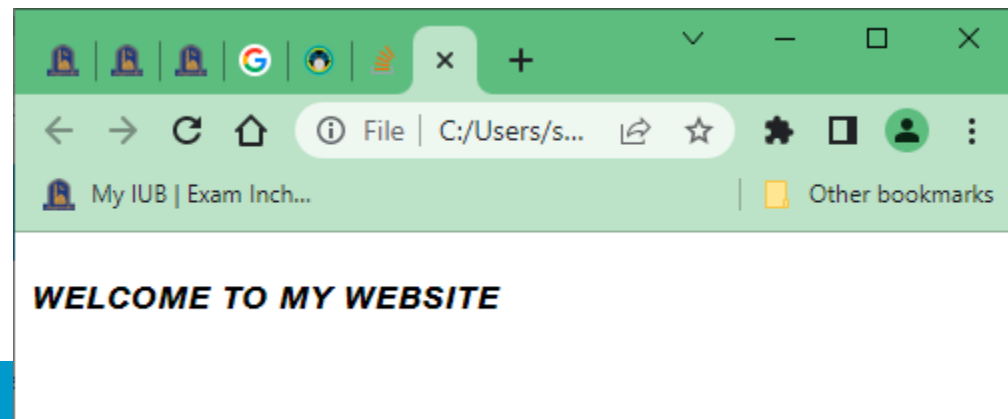
Normal, small-caps

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

Font Properties



```
<html><head>
<style>
    p{
        font-family: Arial, Helvetica, sans-serif;
        font-weight: bolder;
        font-size: 20px;
        font-style: italic;
        font-variant: small-caps;
    }
</style></head>
<body> <p> welcome to my website</p>
</body></html>
```



Text Properties



1. **color**
2. **text-align**
3. **vertical-align**
4. **text-decoration**
5. **text-transform**
6. **word-spacing**
7. **letter-spacing**

Text Properties



color:

specifies the color of the text

P{color : green}

text-align:

horizontal alignment of the text

Left, right, center or justify

vertical-align:

Vertical alignment of the text

Sub, super, top, middle, bottom

text-transform:

text should be lowercase, uppercase or capitalized

Text Properties



text-decoration:

specifies the whether the text should be underline, overline, line-through or blinking

letter-spacing:

Specifies the space between letters

```
p{letter-spacing:3px;}
```

word-spacing:

Specifies the space between words

```
p{word-spacing:4px;}
```

Font Properties



```
<html><head>
<style>
.txt { text-transform: uppercase;
      letter-spacing: 10pt;
      word-spacing: 20px;
    }
</style>
</head>
<body> <p class="txt"> welcome to my website</p>
</body></html>
```

Output

T H I S I S T E X T P R O P E R T I E S
T E S T

Pseudo-classes of links:

Link:

Styles for links in general

Visited:

Styles the links which are already visited

Hover:

Styles when some on hovering over a link

Active:

Styles the links when a link is being clicked

color:

Changes the color of the links

background-color:

Highlights the link, as if it had been highlighted with a highlighter pen

text-decoration:

Underline, strike through, over-line, blink

Styling Background



background-color:

Specifies the background color

background-image:

Specifies the background image

background-repeat:

Specifies whether the image should repeat or not

background-position:

Where an image should be positioned

Styling Background Example



```
body{  
    background-color: aqua;  
    background-image: url("my.jpg");  
    background-repeat: no-repeat;  
    background-position: bottom;  
}
```

Styling Table



- 1. text and font**
- 2. vertical-align**
- 3. width**
- 4. height**
- 5. background-color**
- 6. background-image**

Styling Table



border:

border-style (solid, dashed, dotted, double etc.)

border-color

border-bottom (solid, dashed, dotted, double etc.)

Padding:

Padding-left

Padding-right

Padding-top

padding-bottom

Styling Table



```
table{
    border: dotted red 3px;
    width: 300px;
}
th {
    font-family: 'Courier New', Courier, monospace;
    background-color: rgb(228, 119, 119);
}
tr {
    height: 50px;
    background-color: silver;
}
td {
    vertical-align: center;
}
```

Styling Table



Roll no	Name
22	Waseem Anwar
23	Shazia Kanwal