

TLE / ICT 9 SECOND QUARTER

LESSON 3

Inline Style Sheets

```
<!DOCTYPE html>
<html>
<head>
<title>CSS Example</title>
</head>
<body>
<h1 style="color:blue; text-align:center;">Hello, Inline CSS!
</h1>
<p style="font-size:18px; color: green;">This paragraph uses
  inline CSS.</p>
</body>
</html>
```

External Style Sheets

```
<!DOCTYPE html>
<html>
<head>
<title>CSS Example</title>
<link rel="stylesheet" href="style.css"
      type="text/css">
</head>
<body>
<h1>Hello, External CSS!</h1>
<p>This paragraph uses external CSS.
</p>
</body>
</html>
```

style.css

```
h1 {color: orange;
    text-align: center;}

p {font-size: 18px;
   color: brown;}
```


Embedded/Internal Style Sheets

```
<!DOCTYPE html>
```

```
<html>
```

```
<head><title>CSS Example</title>
```

```
<style>
```

```
h1 {color:red; text-align:center;}
```

```
p {font-size:18px; color:purple;}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h1>Hello, Internal CSS!</h1>
```

```
<p>This paragraph uses internal CSS.</p>
```

```
</body>
```

```
</html>
```




Display Property

CSS display property allows you to control how an element is displayed.

KINDS OF ELEMENTS IN CSS		
Kind	Description	Example
Block level elements	Laid out vertically	<code><p>text</code> <code><p>text</code>
Inline level elements	Laid out horizontally	<code>text</code> <code>text</code>

Block Level Element

Block level elements take up as much space as possible by default. Each block level element will start a new line on the page, stacking down the page. In addition to stacking vertically, block level elements will also take up as much horizontal space as possible.

Examples of block level elements:

- `<p>`
- ``, ``, `<dl>`
- All headings
- `<article>`, `<section>`, `<div>`

Inline Level Element

Inline elements display in a line.

They do not force the text after them to a new line.

An anchor (or link) is an example of an inline element.

You can put several links in a row, and they will display in a line.

Examples of inline elements:

- `<a>`
- ``, ``, ``, `<i>`, `<q>`, `<mark>`
- ``

Why is this important?

How an element behaves when styled with CSS will change based on the display mode of an element (block vs. inline). Some CSS properties react differently for each display type. We'll learn more about this behavior when we start to lay out pages in CSS.

For now, remember this:

Inline elements cannot contain block level elements

For example, you cannot wrap an `` around two paragraphs:

`` ← *Incorrect*

`<p>An emphasized paragraph.</p>`

`<p>Another emphasized paragraph.</p>`

`` ← *Incorrect*

The correct way to do this would be to put the inline element inside **each** block element:

`<p>An emphasized paragraph.</p>`

`<p>Another emphasized paragraph.</p>`

PROPERTY FOR DISPLAY

Property	Keyword	Description
display:	inline	Inline display or horizontal layout.
display:	block	Block display or vertical layout.
display:	list-item	Display as a list item .
display:	none	No box or the element has no effect on the layout.
display:	inherit	Inherit value from the parent.

Sample code of display property using block

display.html

```
<!DOCTYPE html>
<html>
<head><title>No Display</title>
<style type="text/css">
  p{display:block;}
</style></head>
<body>
<h1>I still rise by Maya Angelou</h1>
<p>You may write me down in history</p>
<p>With your bitter, twisted lies,</p>
<p>You may tread me in the very dirt</p>
<p>But still, like dust, I'll rise.</p>
<p>Does my sassiness upset you?</p>
<p>Why are you beset with gloom?</p>
</body>
</html>
```


I still rise by Maya Angelou

You may write me down in history

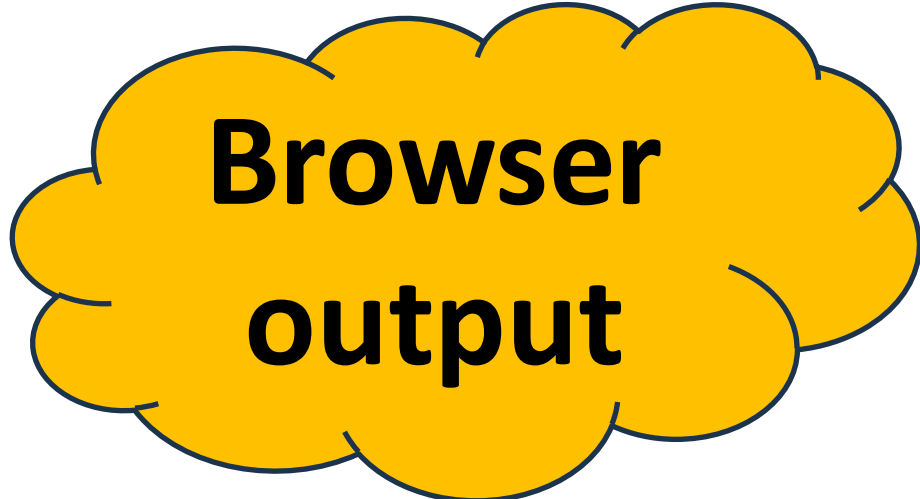
With your bitter, twisted lies,

You may tread me in the very dirt

But still, like dust, I'll rise.

Does my sassiness upset you?

Why are you beset with gloom?



**Browser
output**

Sample code of display property using inline

display.html

```
<!DOCTYPE html>
<html>
<head><title>No Display</title>
<style type="text/css">
  p{display:inline;}
</style></head>
<body>
<h1>I still rise by Maya Angelou</h1>
<p>You may write me down in history</p>
<p>With your bitter, twisted lies,</p>
<p>You may tread me in the very dirt</p>
<p>But still, like dust, I'll rise.</p>
<p>Does my sassiness upset you?</p>
<p>Why are you beset with gloom?</p>
</body>
</html>
```



file:///Users/marygraceuminga/Desktop/display.html

**Browser
output**

I still rise by Maya Angelou

You may write me down in history With your bitter, twisted lies, You may tread me in the very dirt But still, like dust, I'll rise. Does my sassiness upset you? Why are you beset with gloom?


```
<!DOCTYPE html>
<html>
<head><title>No Display</title>
<style type="text/css">
/*This part uses the css id and class which
will be discussed in the next sessions*/
h1 #red{color:purple;}
p.blue{color:red}
</style></head>
<body>
<h1 id="red">I still rise by Maya Angelou</h1>
<p class="blue">You may write me down in history</p>
<p class="blue">With your bitter, twisted lies,</p>
<p>You may tread me in the very dirt</p>
<p>But still, like dust, I'll rise.</p>
<p class="blue">Does my sassiness upset you?></p>
<p>Why are you beset with gloom?</p>
</body>
</html>
```

**Sample code
with no display
property**



file:///Users/marygraceuminga/Desktop/Untitled.html



I still rise by Maya Angelou

You may write me down in history

With your bitter, twisted lies,

You may tread me in the very dirt

But still, like dust, I'll rise.

Does my sassiness upset you?>

Why are you beset with gloom?



**Browser
output**


```
<!DOCTYPE html>
<html>
<head><title>No Display</title>
<style type="text/css">
/*This part uses the css id and class which
will be discussed in the next sessions*/
h1 #red{color:purple;}
p.blue{color:red;}
p{display:inline;}
</style></head>
<body>
<h1 id="red">I still rise by Maya Angelou</h1>
<p class="blue">You may write me down in history</p>
<p class="blue">With your bitter, twisted lies,</p>
<p>You may tread me in the very dirt</p>
<p>But still, like dust, I'll rise.</p>
<p class="blue">Does my sassiness upset you?></p>
<p>Why are you beset with gloom?</p>
</body>
</html>
```

**Sample code
with inline
display
property**

Browser output



file:///Users/marygraceuminga/Desktop/Untitled.html



I still rise by Maya Angelou

You may write me down in history With your bitter, twisted lies, You may tread me in the very dirt But still, like dust, I'll rise. Does my sassiness upset you?> Why are you beset with gloom?


```
<!DOCTYPE html>
<html>
<head><title>No Display</title>
<style type="text/css">
/*This part uses the css id and class which
  will be discussed in the next sessions*/
h1#red{color:purple;}
p.blue{color:red;}
p{display:block;}
</style> </head>
<body>
<h1 id="red">I still rise by Maya Angelou</h1>
<p class="blue">You may write me down in history</p>
<p class="blue">With your bitter, twisted lies,</p>
<p>You may tread me in the very dirt</p>
<p>But still, like dust, I'll rise.</p>
<p class="blue">Does my sassiness upset you?></p>
<p>Why are you beset with gloom?</p>
</body>
</html>
```

**Sample code
with block
display
property**



file:///Users/marygraceuminga/Desktop/Untitled.html



I still rise by Maya Angelou

You may write me down in history

With your bitter, twisted lies,

You may tread me in the very dirt

But still, like dust, I'll rise.

Does my sassiness upset you?>

Why are you beset with gloom?



**Browser
output**

Div Tag

- Div divides the contents of a web page into individual sections.
- Div tag allows you to apply styles to different sections of your webpage.
- It is a generic way of adding structure to an HTML document.
- Div tag is a block level element and is therefore, usually applied to block HTML and should not be used within a paragraph.
- In most web browsers, a div tag will provide line spacing before and after a block element.

Sample Code

```
<!DOCTYPE html>
<html>
<head><title>Div tag</title>
<style type="text/css">
  p.star{color:purple;}
  h1#apple{color:green; text-align:center;}
  .background{background-color:yellow; font-weight:bold;}
</style>
</head>
<body>
<h1 id="apple">Ako ay may Lobo</h1>
<p class="star">Ako ay may lobo, lumipad sa langit.</p>
<p class="star">Di ko na nakita, pumutok na pala.</p>
<div class="background">
<p>Sayang ang pera ko,</p>
<p>Pambili ng lobo.</p>
</div>
<p class="star">Sa pagkain sana,</p>
<p class="star">Nabusog pa ako</p>
</body>
</html>
```


Browser output

Ako ay may Lobo

Ako ay may lobo, lumipad sa langit.

Di ko na nakita, pumutok na pala.

Sayang ang pera ko,

Pambili ng lobo.

Sa pagkain sana,

Nabusog pa ako

Span Tag

- Span tag is a generic way of adding structure to an HTML document.
- Span is applied to an inline element.
- It is used to emphasize words or sentences within a paragraph.

Sample Code

```
<!DOCTYPE html>
<html>
<head><title>Div tag</title>
<style type="text/css">
  p.star{color:purple;}
  h1#apple{color:green; text-align:center;}
  .background{background-color:yellow; font-weight:bold;}
  .txtcol{color:blue;}
</style>
</head>
<body>
<h1 id="apple">Ako ay may Lobo</h1>
<p class="star">Ako ay may lobo, lumipad sa langit.</p>
<p class="star">Di ko na nakita, pumutok na pala.</p>
<div class="background">
<p>Sayang ang pera ko,</p>
<p>Pambili ng lobo.</p>
</div>
<p>Sa pagkain sana,<span class="txtcol">Nabusog </span>pa ako</p>
</body>
</html>
```



file:///Users/marygraceuminga/Desktop/div.html



Ako ay may Lobo

Ako ay may lobo, lumipad sa langit.

Di ko na nakita, pumutok na pala.

Sayang ang pera ko,

Pambili ng lobo.

Sa pagkain sana, [Nabusog](#) pa ako

**Browser
output**

Span and Div Tags

- Span and Div tags do not have default styling information.
- Changing the style or formatting of the line or block covered by the tag, you need to specify an attribute to affect the desired style.
- Most HTML tags apply formatting just like tags for headings, lists and others, but there are some that do not have any specific effect, namely the container tags `` and `<div></div>` but are actually used quite extensively in conjunction with CSS.

- Simply put, span and div tags are just used to format a part of the content by usually using CSS.
- The general difference between `` and `<div></div>` is that `<div></div>` has line breaks before and after it.
- Usually the `` is used for small chunks of code while `<div></div>` is for larger ones.

Attribute for <code></code> and <code><div></div></code>		
Attribute	Definition	Values
Class	Indicates the CSS style to be applied. Ex. <code><div class="style1"></div></code>	CSS class name


```

<html>
  <head>
    <title>Jemma Inc</title>
    <link rel="stylesheet"
      href="jemmainc.css" type="text/css">
  </head>
  <body>
    <div class="Style1">
      <p><font size="4"> Creative Design CS5 contains Adobe
        Photoshop, Illustrator, InDesign and Acrobat. The book aims to
        educate the students in creating, designing and editing graphics
        using the different software that may work relatively.
      <span class="Style2"> Creative </span> Design
      <span class="Style2"> CS5 </span> targets both knowledge and
        applications toward specific output that would basically develop
        skills towards a career. </font></p>
    </div>
  </body>
</html>

```

Div class

Span class

jemmainc - Notepad

File	Edit	Format	View	Help
<pre> .Style1 { border: dotted blue; font-family: Verdana; font-size: 14px; width: 400px; } .Style2 { font-family: Courier New; font-size: 14px; font-weight: bold; color: red; } </pre>				

Blue border

Red text

Creative Design CS5 contains Adobe Photoshop, Illustrator, InDesign and Acrobat. The book aims to educate the students in creating, designing and editing graphics using the different software that may work relatively. Creative Design CS5 targets both knowledge and applications toward specific output that would basically develop skills towards a career.