

# DIV AND SPAN

PROF. DAVID ROSSITER

# AFTER THIS PRESENTATION

- You'll appreciate the role of `<div>` and how to use it
- You'll appreciate the role of `<span>` and how to use it

# ELEMENTS WE WILL LOOK AT

For a large area    <div>

---

For a few words    <span>

# STYLE PROPERTIES WE WILL LOOK AT

font-size	font-family
-----------	-------------

background	position
------------	----------

top	left
-----	------

width
-------

# DIV

`div` has no default style

`div` has no default meaning

HTML developers can use it for any purpose

# UNDERSTANDING DIV

```
<p>This is a paragraph before the div</p>
```

```
<div>
```

This is a div with no style

```
</div>
```

```
<p>This is a paragraph in the middle</p>
```

```
<div style="background:lightblue">
```

This is a div with a blue background

```
</div>
```

This is a paragraph before the div

This is a div with no style

This is a paragraph in the middle

This is a div with a blue background

# EXAMPLES

```
<p>This is a paragraph before the div</p>
```

```
<div style="background:yellow; font-size:16pt; font-family:courier">  
This is a div with a yellow background  
</div>
```

```
<p>This is a paragraph in the middle</p>
```

```
<div style="background:lightblue; font-size:18pt;  
    font-family:Arial; width:50%">  
This is a div with a blue background  
</div>
```



This is a paragraph before the div

This is a div with a  
yellow background

This is a paragraph in the middle

This is a div  
with a blue  
background

# POSITIONING AN ELEMENT

Like many elements, a `div` can be put anywhere

Use `position: absolute` with `top: xxx` and `left: yyy`

`top` and `left` refer to the top left corner of the `div`

`top: 0` and `left: 0` means the `div` is in the top left corner

# ABSOLUTE POSITION

```
<div style="background:yellow; font-size:16pt; font-family:courier;  
          position:absolute; top:60px; left:60px">
```

This is a div with a yellow background

```
</div>
```

```
<div style="background:lightblue; font-size:18pt;  
          position:absolute; top:92px; left:80px">
```

This is a div with a blue background

```
</div>
```

This is a div with a yellow

background

This is a div with a blue  
background

# RELATIVE POSITION

`position: relative` sets the position  
relative to the normal position

# RELATIVE POSITION

```
<p>This is a paragraph</p>
```

```
<div style="background:yellow; font-size:14pt; font-family:courier;  
          position:relative; top:-20px; left:-20px">
```

```
This is a div with a yellow background
```

```
</div>
```

This is a paragraph

this is a div with a yellow  
ackground

# SPAN

Like `div`, `span` has no default style

`span` is used for a few words



# EXAMPLES OF SPAN

```
<p>This is not span text <span>but this is</span> and this isn't</p>
```

```
<p>This is not span text <span style="background:yellow">but this is</span>  
and this isn't</p>
```

This is not span text but this is and this isn't

This is not span text but this is and this isn't