



CSS Class – Day 2

CSS Notes

| CSS Properties



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Backgrounds

- CSS background properties are used to define the background effects for elements.
- CSS background properties:
 - **background-color**
 - **background-image**
 - **background-repeat**
 - **background-attachment**
 - **background-position**



Background Color

- The background-color property specifies the background color of an element.

```
h1 {background-color: green;}  
h2 {background-color: blue;}  
p {background-color: yellow;}
```

```
<h1>Hello world</h1>  
<h2>Hello world</h2>  
<p>Hello world</p>
```



Output

This is Green color..

This is Blue color..

This is yellow color..



Background Image

- The background-image property specifies an image to use as the background of an element.

```
■div {  
    background-image:url('pic4.jpg');  
    height: 250px;  
}  
<div>  
    This div has background image  
</div>
```



Output



Background Repeat

- Background Image - Repeat Horizontally or Vertically
- By default, the background-image property repeats an image both horizontally and vertically.



Example

```
div {  
    background-image: url('pic4.jpg');  
    height: 250px;  
    background-repeat: no-repeat;  
}
```

```
<div>This div has background image </div>
```



Output



Background Position

- Background Image - Set position

- ```
div {
 background-image: url('pic4.jpg');
 height: 250px;

 background-repeat: no-repeat;

 background-position: right top;
}
<div>This div has background image </div>
```



# Output

This div has background image

This div has background image



## Cont...

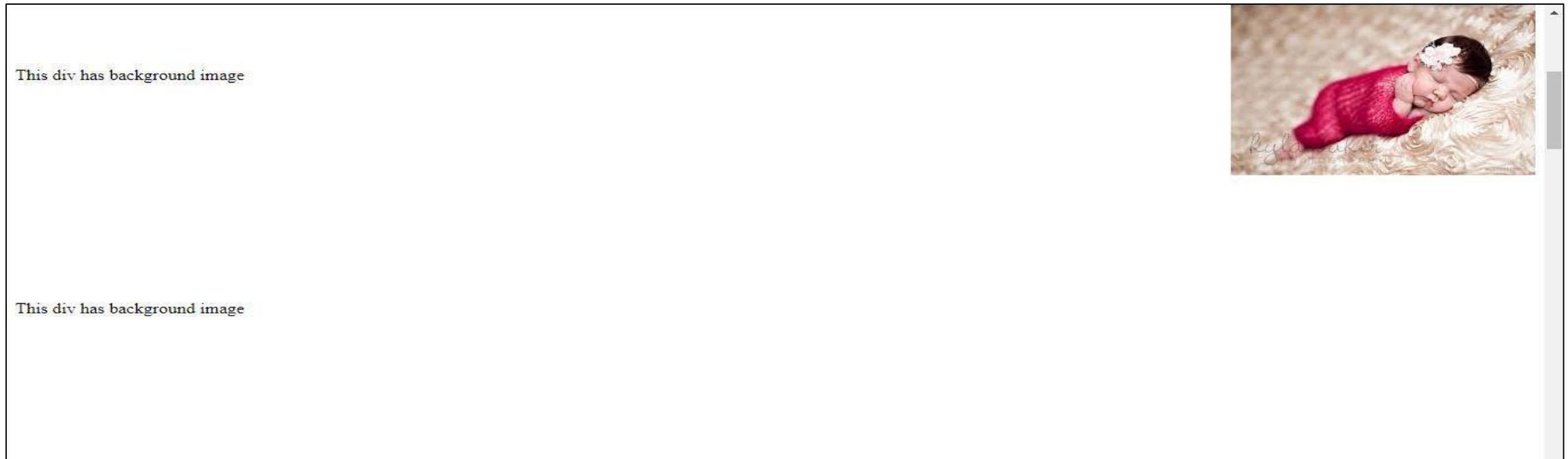
- Background Image - Fixed position

- ```
body {  
    background-image: url('pic1.jpg');  
    background-repeat: no-repeat;  
    background-position: right top;  
    background-attachment: fixed;  
}
```

`<div>This div has background image </div>`



Output



Borders

- The CSS border properties allow you to specify the **style, width, and color** of an element's border.



Border Style

- The border-style property specifies what kind of border to display.

```
■div {  
    border-style: solid;  
    padding: 10px;  
}  
<div>  
This div tag has border around it.</div>
```



Output

This div tag has border around it.



Border Width

- The border-width property specifies the width of the borders.

```
■div {  
    border-style: solid;  
    padding: 10px;  
    border-width: 10px;  
}  
<div>This div tag has border around it.  
</div>
```



Output

This div tag has border around it.



Border Color

- The border-color property is used to set the color of border.

```
■div {  
    border-style: solid;  
    padding: 10px;  
    border-width: 10px;  
    border-color: red;  
}  
<div>This div tag has border around it.</div>
```



Output

This div tag has border around it.



Cont...

- Shorthand Property :-

- ```
p {
 border: 1px solid red;
 // width - style - color
}
<p>Hello CSS</p>
```



# Margin

- The CSS margin properties are used to generate space around elements.
- The margin properties set the size of the white space outside the border.





# Margin - Individual Sides

- margin-top
- margin-right
- margin-bottom
- margin-left



# Example

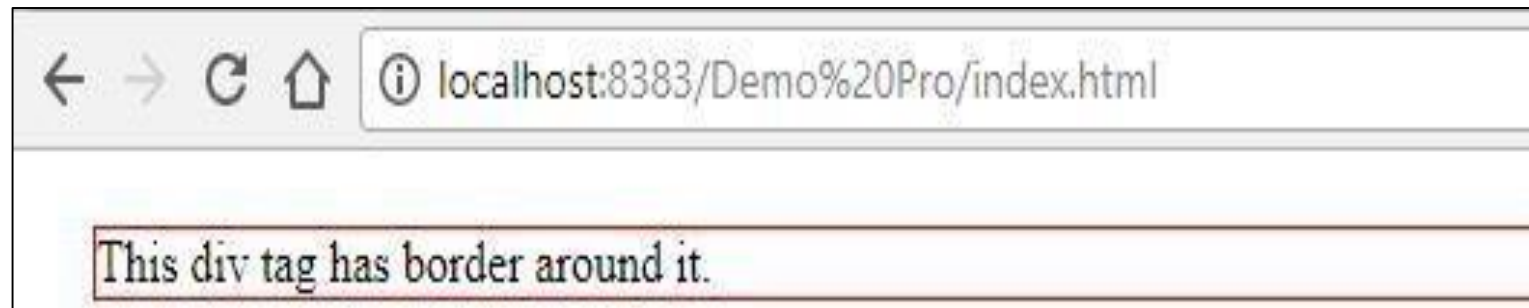
- div

```
{
 border: 1px solid red;
 margin-left: 20px; margin-top: 20px;
 margin-bottom: 20px; margin-right: 20px;
}
```

`<div>This div tag has border and margin around it.</div>`



# Output



## Cont...

- If the margin property has four values:
- **margin: 25px 50px 75px 100px;**
  - top margin is 25px
  - right margin is 50px
  - bottom margin is 75px
  - left margin is 100px



# Padding

- The CSS padding properties are used to generate space around content.
- The padding clears an area around the content inside the border of an element.



# Padding - Individual Sides

- padding-top
- padding-right
- padding-bottom
- padding-left



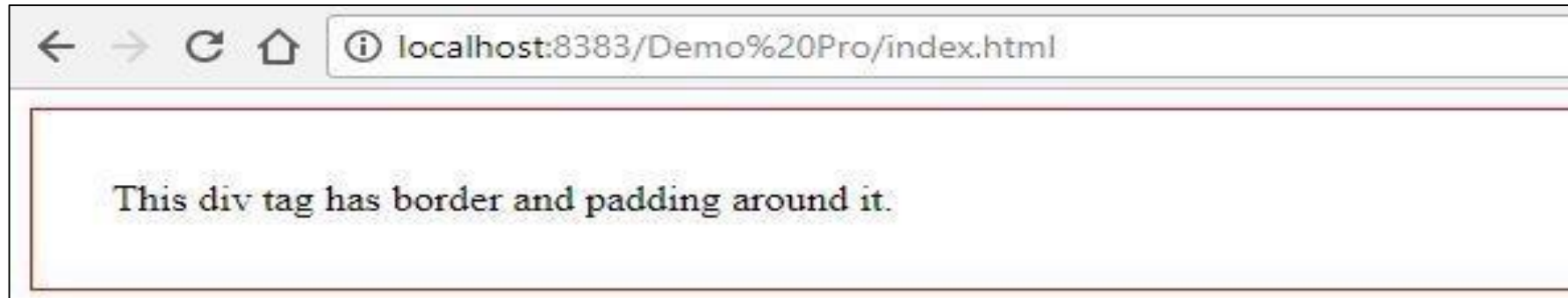
# Example

```
■ div {
 border: 1px solid red;
 padding-left: 30px; padding-top: 30px;
 padding-bottom: 30px; padding-right: 30px;
}
```

`<div>This div tag has border and padding around it.</div>`



# Output





## Cont...

- If the padding property has four values:
- `padding: 25px 50px 75px 100px;`
  - top padding is 25px
  - right padding is 50px
  - bottom padding is 75px
  - left padding is 100px



# Comments

- CSS comments are generally write to explain your code.
- It is very helpful for the users who reads your code in future so that they can easily understand the code.
- Comments are ignored by browsers.



# Example

- `<style>`

```
p {
 color: blue;
 /* This is a single-line comment */ text-align:
 center;
}
/* This is
a multi-line comment */

</style>
```

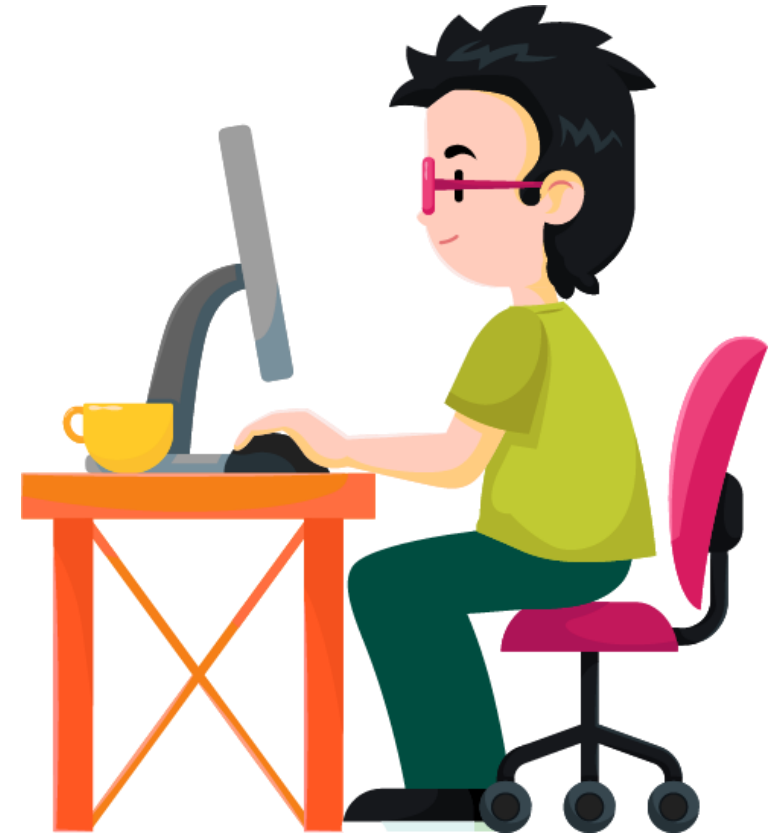


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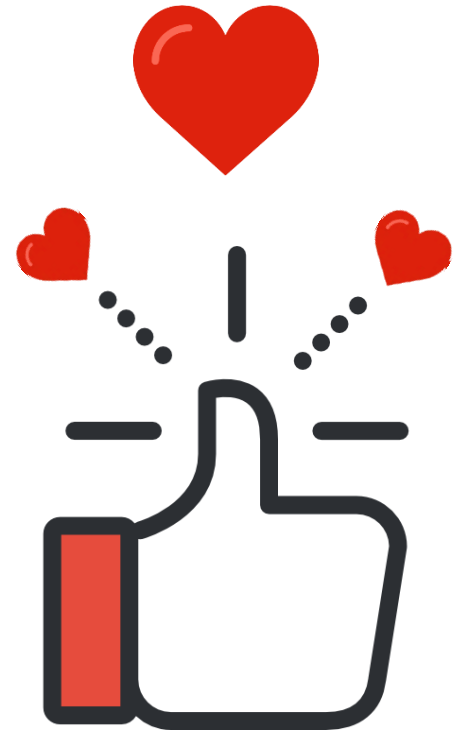
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