



SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore – 641 107

An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with ‘A’ Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING-IOT Including CS&BCT

**COURSE NAME : 19SB602 FULL STACK DEVELOPMENT FOR NEXT
GENERATION IOT**

III YEAR / VI SEMESTER

Unit I- INTRODUCTION TO WEB TECHNOLOGIES

Topic : CSS Margins, Padding and Borders



CSS Margins



CSS margins are used to **create space around the element**. We can set the different sizes of margins for individual sides(top, right, bottom, left).

Margin properties can have the following values:

Length in cm, px, pt, etc.

Width % of the element.

Margin calculated by the browser: auto.

Syntax:

```
body {  
    margin: value;  
}
```



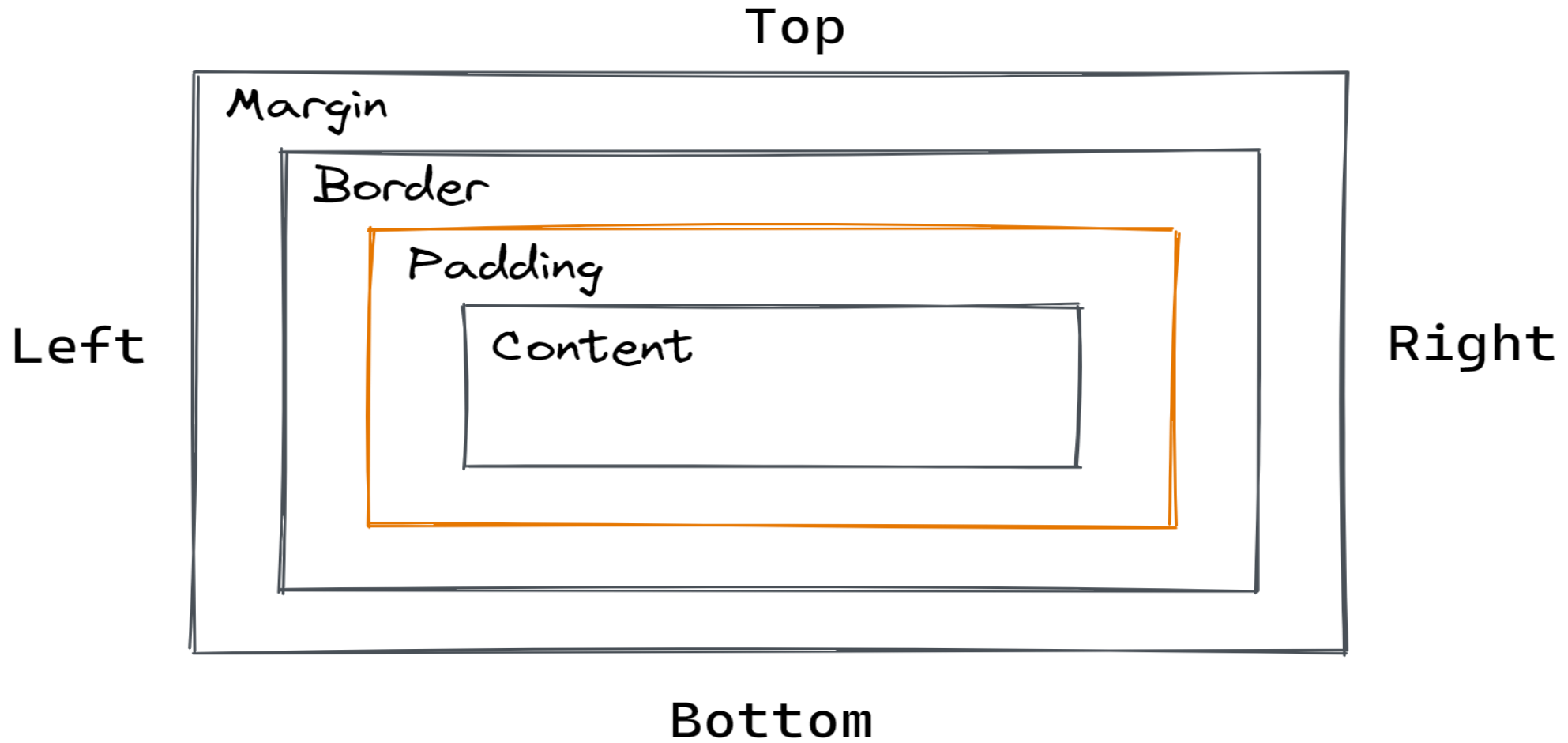
The margin property is a shorthand property having the following individual margin properties:

margin-top: It is used to set the top margin of an element.

margin-right: It is used to set the right margin of an element.

margin-bottom: It is used to specify the amount of margin to be used on the bottom of an element.

margin-left: It is used to set the width of the margin on the left of the desired element.





If the margin property has 4 values:

margin: 40px 100px 120px 80px;

top = 40px

right = 100px

bottom = 120px

left = 80px

Example: This example describes the margin property by specifying the four values.



```
<!DOCTYPE html>
<html>

<head>
  <style>
    p {
      margin: 80px 100px 50px 80px;
    }
  </style>
</head>

  SNSCE

<body>
  <h1>
    SNSCE
  </h1>
  <p> Margin properties </p>
</body>

</html>
```

Margin properties



If the margin property has 3 values:

margin: 40px 100px 120px;

top = 40px

right and left = 100px

bottom = 120px

Example: This example describes the margin property by specifying the three values.



```
<!DOCTYPE html>  
<html>
```

```
<head>
```

```
<style>
```

```
p {
```

```
margin: 80px 50px 100px;
```

```
}
```

```
</style>
```

```
</head>
```

SNS

```
<body>
```

```
<h1>
```

SNS

Margin properties

```
</h1>
```

```
<p>
```

Margin properties

```
</p>
```

```
</body>
```

```
</html>
```




If the margin property has 2 values:

margin: 40px 100px;

top and bottom = 40px;

left and right = 100px;

Example: This example describes the margin property by specifying the double value.



```
<!DOCTYPE html>
<html>

<head>
  <style>
    p {
      margin: 100px 150px;
    }
  </style>
  <h1> SNS </h1>
</head>

<body>
  <h1> SNS </h1>
  <p> Margin properties </p>
</body>

</html>
```

SNS

Margin properties



If the margin property has 1 value:

margin: 40px;

top, right, bottom and left = 40px

Example: This example describes the margin property by specifying the single value.



```
<!DOCTYPE html>
<html>

<head>
  <style>
    p {
      margin: 100px 150px;
    }
  </style>
</head>
  SNSCE

<body>
  <h1>
    SNSCE
  </h1>
  <p>
    Margin properties
  </p>
</body>

</html>
```



Margin properties

SNSCE

Margin properties



CSS Padding



CSS paddings are used to **create space around the element, inside any defined border.**

We can set different paddings for individual sides(top, right, bottom, left).

It is important to add border properties to implement padding properties.

Padding properties can have the following values:

- Length in cm, px, pt, etc.
- Width % of the element.

Syntax:

```
body {  
    padding: value;  
}
```



The padding CSS shorthand property can be used to specify the padding for each side of an element in the following order:

padding-top: It is used to set the width of the padding area on the top of an element.

padding-right: It is used to set the width of the padding area on the right of an element.

padding-bottom: It is used to set the height of the padding area on the bottom of an element.

padding-left: It is used to set the width of the padding area on the left of an element.



If the padding property has 4 values:

padding: 40px 100px 120px 80px;

top = 40px

right = 100px

bottom = 120px

left = 80px

Example: This example describes the padding property by specifying the 4 values.



```
<!DOCTYPE html>
<html>

<head>
  <style>
    p {
      padding: 80px 100px 50px 80px;
      border: 1px solid black;
    }
  </style>
</head>

<body>
  <h1>SNSCE</h1>
  <p>Padding properties</p>
</body>

</html>
```

SNSCE

Padding properties



Difference between Margin and Padding:

Margin is used to **create space around elements** and padding is used to **create space around elements inside the border.**

We can set the **margin property to auto** but we **cannot set the padding property to auto.**

In Margin property we can **allow negative or float number** but in padding we **cannot allow negative values.**



Any Query?????

Thank you.....