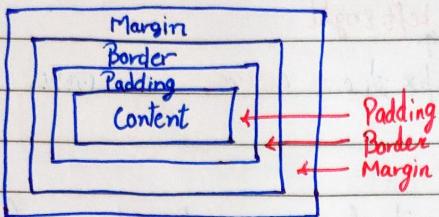


## Chapter 3 - CSS Box Model

The CSS box model looks at all the HTML elements as boxes



Setting width & Height

We can set width and height in CSS as follows

```
#box {
    height: 70px;
    width: 70px;
}
```

Note that the total width/height is calculated as follows:

Total height = height + top/bottom padding + top/bottom border  
+ top/bottom margin

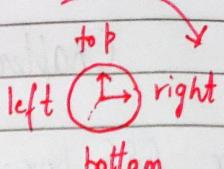
Setting Margin & Padding

We can set margin and padding as follows:

```
.box {
    margin: 3px;
    padding: 4px;
}
```

Sets top, bottom, left & right values

· boxMain { top right bottom left  
 margin : 7px 0px 2px 11px; }



top right  
 left right  
 bottom

Clockwise

· boxLast { top & bottom left & right  
 margin : 7px 3px; }

We can also set individual margins / paddings like this :

margin - top : 70px  
 margin - bottom : 3px  
 margin - left : 8px  
 margin - right : 9px }

Same goes with padding

### Setting Borders

We can set the border as follows

· bx { border - width : 2px;  
 border - style : solid;  
 border - color : red; } } or just set border : 2px solid red;  
 (Shorthand)

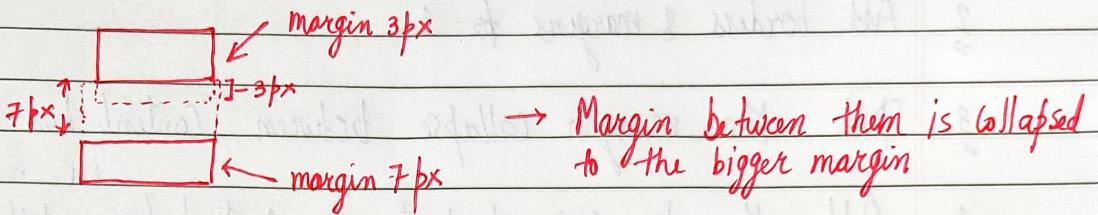
### Border Radius

We can set border radius to create rounded borders

· div2 { border - radius : 7px; }

## Margin Collapse

When two margins from different elements overlap, the equivalent margin is the greater of the two. This is called margin collapse.



## Box Sizing

Determines what out of padding and border is included in elements width and height.

Can be content-box or border-box

• `div {`

↳ Include only content in width/height

`box-sizing: border-box;`

↳ The content width and height includes content + padding + border