Box Sizing

Box Sizing property allow us to include the padding and border in an element's total width and height.

Without the CSS box-sizing Property

The width and height is calculated using following:

```
width + padding + border = actual width of an element
height + padding + border = actual height of an element
```

This means: When you set the width/height of an element, the element often appears bigger than you have set (because the element's border and padding are added to the element's specified width/height).

Ex

```
<IDOCTYPE html>
<html>
<html>
<html>
<html>
<html>
<thead>
<style>
.div1 {
    width: 300px;
    height: 100px;
    border: 1px solid blue;
}

.div2 {
    width: 300px;
    height: 100px;
    padding: 50px;
    border: 1px solid red;
}

</style>
</head>
<head>
<head>
<head>
<hody>
<ht>
<html>
<html>
<html>

</body>
</html>

</body>
</html>

</body>
</html>

</body>
</html>
```

With the CSS box-sizing Property

- ➤ The box-sizing property allows us to include the padding and border in an element's total width and height.
- ➤ If you set box-sizing: border-box; on an element, padding and border are included in the width and height:

Property	Description
box-sizing	Defines how the width and height of an element are calculated: should they include padding and borders, or not

