

## 15 Box Model

```

/ padding /
padding-top: 25px;
padding-bottom: 25px;
padding-left: 25px;
padding-right: 25px;

/ top right bottom left /
padding : 25px 25px 25px 25px;

```

```

/ margin /
border: 2px solid black;
margin-top: 25px;
margin-right: 25px;
margin-bottom: 25px;
margin-left: 25px;

/ top right bottom left /
margin: 25px 25px 25px 25px;

```

```

/ explicit properties for border box model /
border-width: 2px;
border-color: black;
border-style: solid;
border-radius: 5px;

/ implicit properties for border box model /
border: 2px solid black;

```

```

/ best practice /
border: 2px solid skyblue;
color: blue;
padding: 25px;
margin: 25px;
border-radius: 10px;

```

```

section {
  border: 1px solid blue;

  / converting block level to inline /
  float: left;

  / after converting to inline we are using width 100% again /
  width: 100%;
}

section div {
  / again, what ever the div's are there we are converting them to inline /
  float: left;

  / and giving width to every division as 33.3% /
  width: 33.3%;
}

```

```

section {
  border: 1px solid blue;
  float: left;
  width: 100%;
}

section div {
  float: left;
  / and giving width to every division as 25% /
  width: 25%;
}

section div:nth-child(2) {
  / targeting second division to 50% /
  width: 50%;
}

```

```

section {
  border: 1px solid blue;
  float: left;
  width: 100%;
}

section div {
  float: left;
  width: 25%;

  / if we want gap between each element then we use padding /
  padding: 20px;

  / if we are using padding in box model then the width of the page is disturbed /
  / to re arranging the width of the page we use box sizing /
  box-sizing: border-box;
}

section div:nth-child(2) {
  width: 50%;
}

```

```

section {
  border: 1px solid blue;
  float: left;
  width: 100%;
  padding: 20px;

  / to adjust the horizontal bar we use box sizing /
  box-sizing: border-box;
}

section div {
  float: left;
  width: 25%;
  padding: 20px;

  / if we want gap between each element then we use padding /
  padding: 20px;

  / if we are using padding in box model then the width of the page is disturbed /
  / to re arranging the width of the page we use box sizing /
  box-sizing: border-box;

  / we took new border, parent and child border merged we got some thick border /
  border: 1px solid blue;
}

section div:nth-child(2) {
  width: 50%;
}

```

```

section {
  border: 1px solid blue;
  float: left;
  width: 100%;
  padding: 20px;

  / to adjust the horizontal bar we use box sizing /
  box-sizing: border-box;
}

section div {
  float: left;
  width: 25%;
  padding: 20px;

  / if we want gap between each element then we use padding /
  padding: 20px;

  / if we are using padding in box model then the width of the page is disturbed /
  / to re arranging the width of the page we use box sizing /
  box-sizing: border-box;

  / we took new border, parent and child border merged we got some thick border /
  border: 1px solid blue;

  ⚠ / box model cannot control the margin it can control only padding /
  margin: 2px;

  ⚠ / if we use margin then we have to compromise on width /
  width: 24.5%;
}

section div:nth-child(2) {
  width: 50%;
}

```

## 15 Box Model

**1. /padding/ padding-top: 25px; padding-bottom: 25px; padding-left: 25px; padding-right: 25px; /\* top right bottom left \*/ padding : 25px 25px 25px 25px;**

1.1. /margin/ border: 2px solid black; margin-top: 25px; margin-right: 25px; margin-bottom: 25px; margin-left: 25px; /\* top right bottom left \*/ margin: 25px 25px 25px 25px;

1.2. /\* explicit properties for border box model \*/ border-width: 2px; border-color: black; border-style:solid; border-radius: 5px; /\* implicit properties for border box model \*/ border: 2px solid black;

1.3. /\* best practice \*/ border: 2px solid skyblue; color: blue; padding: 25px; margin: 25px; border-radius: 10px;

1.4. section { border: 1px solid blue; /\* converting block level to inline \*/ float: left; /\* aftering converting to inline we are using width 100% again \*/ width: 100%; } section div { /\* again, what ever the div's are there we are conveting them to inline \*/ float: left; /\* and giving width to every division as 33.3% \*/ width: 33.3%; }

1.5. section{ border: 1px solid blue; float: left; width: 100%; } section div{ float: left; /\* and giving width to every division as 25% \*/ width:25%; } :watermelon: section div:nth-child(2){ /\* targeting second division to 50% \*/ width:50% }

1.6. section{ border: 1px solid blue; float: left; width: 100%; } section div{ float: left; width:25%; /\* if we want gap between each element then we use padding \*/ :banana: padding: 20px; /\* if we are using padding in box model then the width of the page is disturbed \*/ /\* to re arranging the width of the page we use box sizing \*/ :banana: box-sizing: border-box; } section div:nth-child(2){ width:50% }

1.7. section{ border: 1px solid blue; float: left; width: 100%; padding: 20px; /\* to adjust the horizontal bar we use box sizing \*/ :apple: box-sizing: border-box; } section div{ float: left; width:25%; /\* if we want gap between each element then we use padding \*/ padding: 20px; /\* if we are using padding in box model then the width of the page is disturbed \*/ /\* to re arranging the width of the page we use box sizing \*/ box-sizing: border-box; /\* we took new border, parent and child border merged we got some thick border \*/ :apple: border: 1px solid blue; } section div:nth-child(2){ width:50% }

1.8. section{ border: 1px solid blue; float: left; width: 100%; padding: 20px; /\* to adjust the horizontal bar we use box sizing \*/ box-sizing: border-box; } section div{ float: left; width:25%; /\* if we want gap between each element then we use padding \*/ padding: 20px; /\* if we are using padding in box model then the width of the page is disturbed \*/ /\* to re arranging the width of the page we use box sizing \*/ box-sizing: border-box; /\* we took new border, parent and child border mmerged we got some thick border \*/ border: 1px solid blue; :monkey\_face: /\* box model cannot control the margin it can control only padding \*/ margin:2px; :monkey: /\* if we use margin then we have to compromise on width \*/ width: 24.5%; } section div:nth-child(2){ width:50% }

