Topic/Title: The Box Model of Website Styling

Keywords/Questions:

The box model

width:20%

width:10px

border:

border: solid;

border:solid 10px;

border-width:

padding:

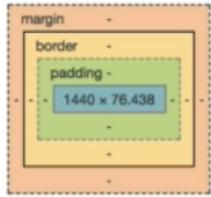margin:

Notes:

-Every single HTML element on-screen is just treated as a box by our CSS.

- Height and width of this boxes can be specified mainly in two ways:

  - {width:100%}   -{height:30px}

{border: solid;}

    -creates by default a 3px wide border for our element.

border-width:

    -modifies the default border thickness.

-We can also write it as `border:solid 50px;`

-we can specify the border thickness for each side. If we specify the border thickness for all sides, we kind of specify it starting from the top in a clockwise manner.
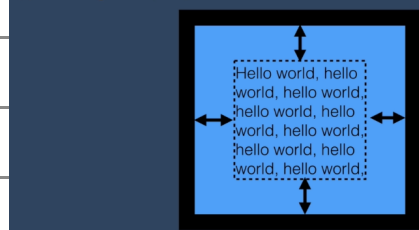

padding: -used to add a space between the border and the content inside it.

-It doesn't affect the background-color or the background-image. It just affects the content inside.
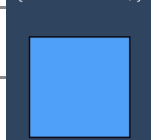
Summary:

The box model:- every HTML element is treated like a box.

height and width can be specified in px or in %.

border :-specifies the border type. border:solid; has default thickness of 3px.

border-width: used to modify the thickness of the border.

- `border:solid 50px;` == `border:solid;` `border-width:50px;`

-we can specify it as `{ border-width : 0px 10px 20px 30px; }` -1st no. for top and goes in a clockwise manner.
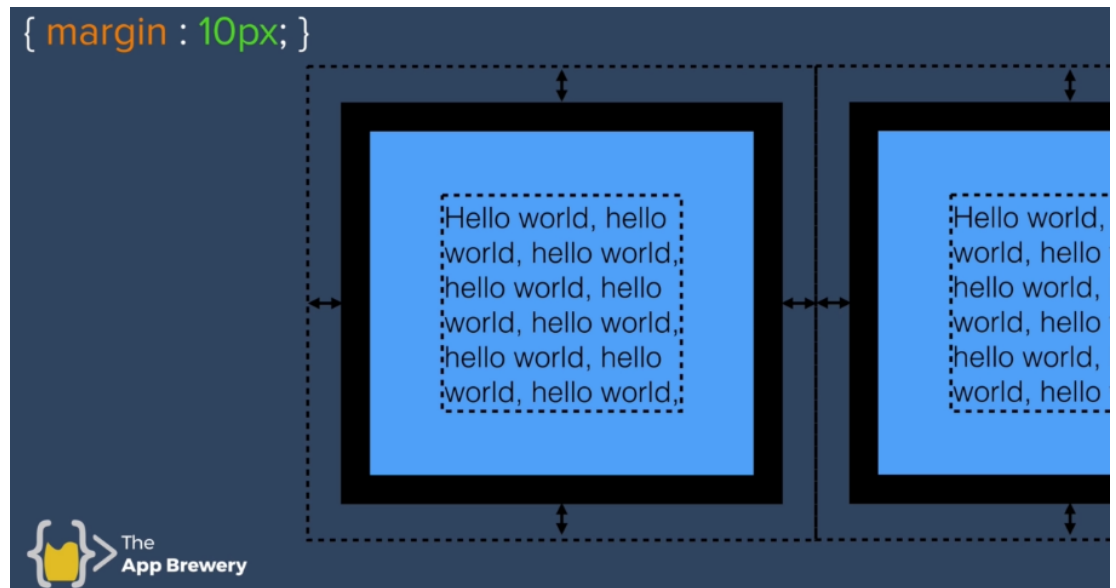
padding:- add space between border and content within

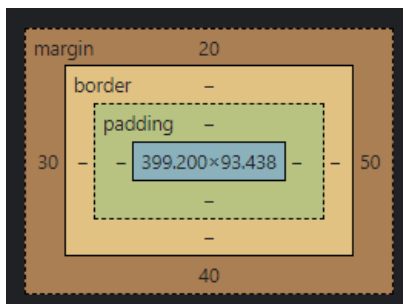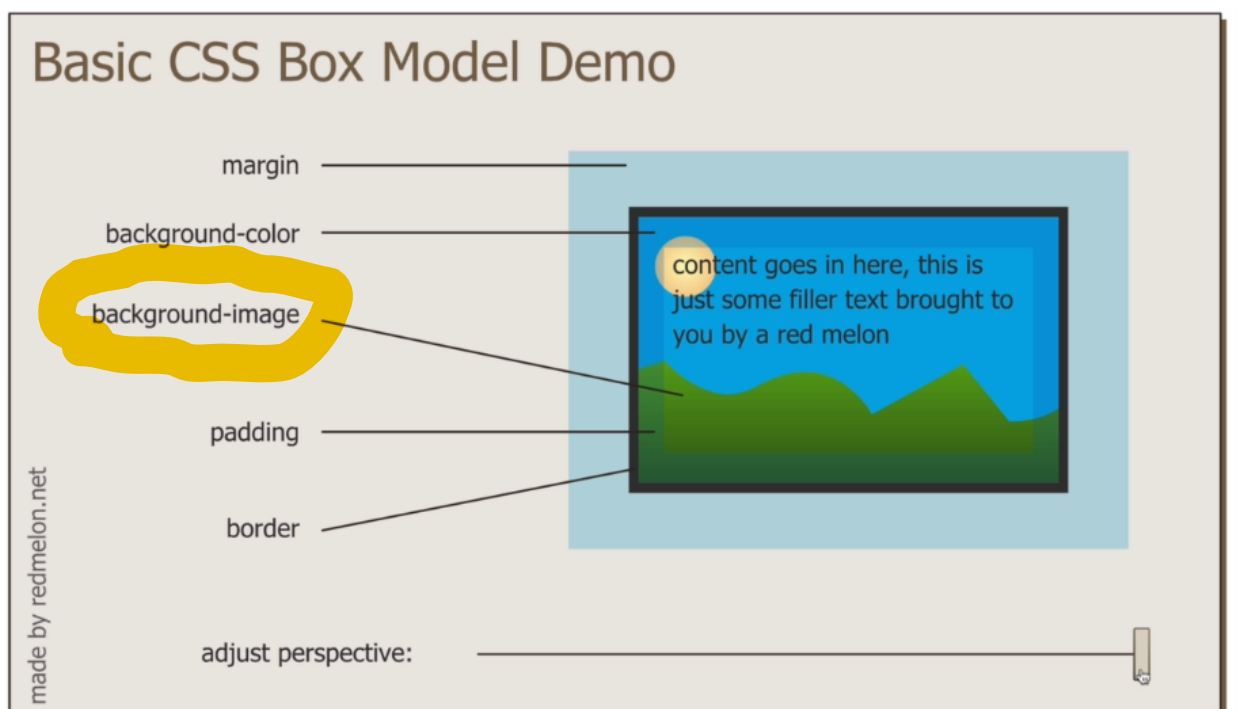margin:- specify space between border and other element borders

-margin:

  -used to specify spacing between the current element and any other elements on the screen. It pushes them away and makes them not stick to our element. We can use terms like margin, margin-top, ...

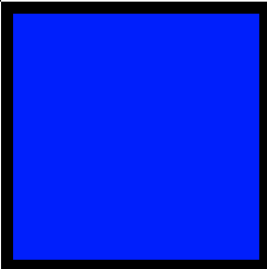-The box model in the Styles section of Developer tools.

-We can edit the numbers for margin, border and padding by writing whatever number we want on the _ spaces inside the box. It is temporary and help us visualize what it would look like if we edit it.

Hale

I am a loser.

Elements   Console   »

▼<body>
  ▼<div class="top-container" style="
      height: 200px;
      width: 200px;
      border: solid 10px;
      padding: 20px;
  ">
    <h1>Hale</h1>
    <p>I am a loser.</p>
  </div>
  <div class="middle-container" style="
      border: solid 20px;
      margin-left:260px;
  "> </div>
  <div class="bottom-container" style="
      border:solid 10px;
      margin-left:500px;
  "> </div>
</body>