GitHub Comments

HW Grading: -1, 0, 1

-1 means I will reach out and ask you to resubmit

Office Hours

T/Th 10:20-11a

Validations

Future homework should go through HTML & CSS validation before being turned in!

h2.abstract

vs
h2 .abstract

Today

- Review
- Border, Margin, Padding
- Inline/Block
- Layout
- Floats

Elements, according to CSS

1. Replaced
2. Nonreplaced
3. Block
4. Inline

Selectors

. abstract - classname

title - id

h1 **,** h2 - multiple

.foo **+** p - sibling

.foo **>** p - child

a **:** hover - states

a **[href]** - attributes

CSS Rules

h2 { color: red }

Specificity

h2 - 0,0,0,1

h2 + p - 0,0,0,2

What has specificity 0?

Inheritance

- Color - YES
- Border - NO
- Specs try to do the right thing

What wins over inline specificity?

???? > 1,0,0,0

Order

- User Agent
- User
- Author
- Author !important
- User !important

Font CSS

- font-weight
- color
- font-size
- letter-spacing
- text-decoration
- text-align

Extra CSS for Homework

- background-color
- width: 25%
- border-radius (make circle)
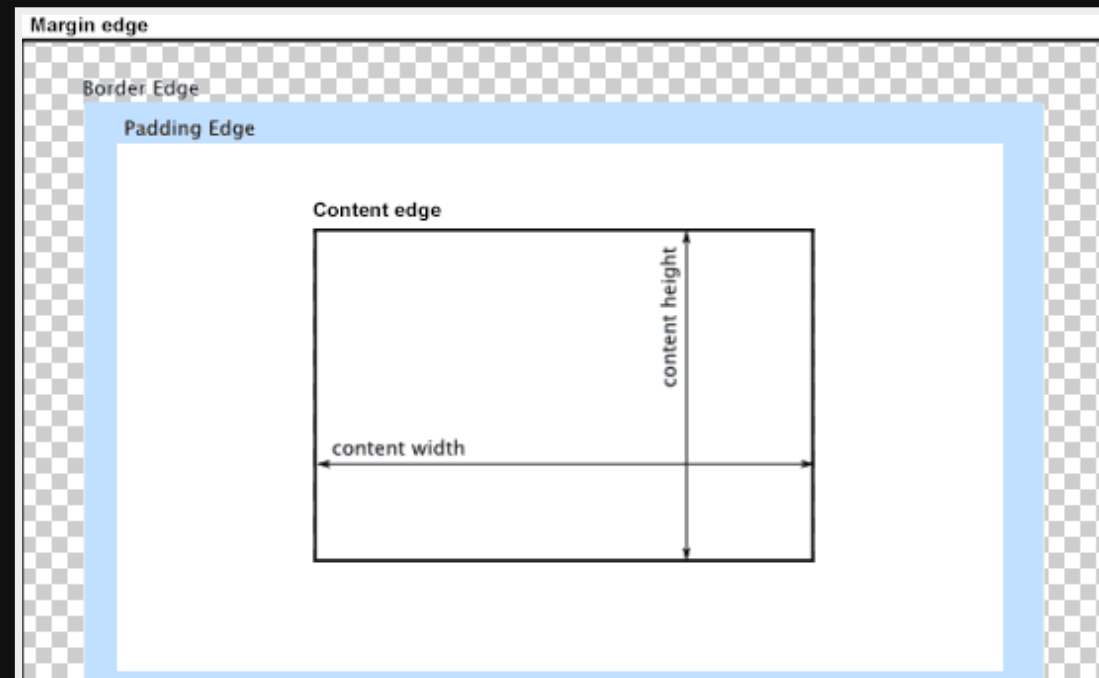- @font-face
- Font Awesome Icons

Today

- ~~Review~~
- Block/Inline
- Border, Margin, Padding
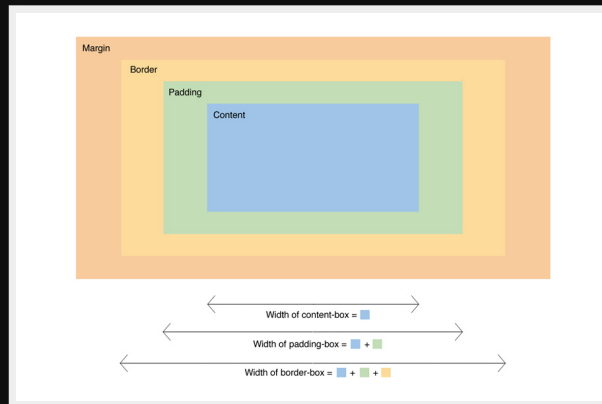- Inline & Block & Inline-Block
- Layout
- Floats

Flow

- **block** top-to-bottom
- **inline** left-to-right

Basic Box Model

Rectangles.

source: razberi.info

- width and height are only of the content box

Let's look at the Dev Inspector

OK, So layout is

affected by:

1. Type of Element
2. Content
3. All those boxes outside the content

What else affects layout?

Containing Block

- nearest block element around me
- affects my layout (example 1)

What else affects layout?

CSS Display

- a as clickable block
- list elements in one inline row
- css display does not change html element status
- Examples #6

What about all those boxes outside the content?

Border

- border-width
- border-color (defaults to font or is set)
- border-style

Padding

- between content and border
- background color extends with element
- can do just one ex: padding-left
- does not affect line-height of inline elements (ex: 6 atag)
- **does** affect line-height of inline replaced elements (images)

Margin

- creates space outside the border
- background does not extend with this
- can do just one ex: margin-left
- they collapse ex: 7
- can be negative

Percentages relate to container

margin 10% == 10% of parents width

ex: 4

CSS properties in caniuse.com

Floats

Generates a block box

Pulls box out of flow

Content flows around it

Will stick out of parent unless parent is floated

Can't float over each other

ex: 8

Clearing Floats

clear: both;

moves the element beyond floats

Float Shapes

HW2

Pass validators

Have semantic HTML