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Right now!

Homework Notes

Q: Element or div with class?

A: Element where it makes sense

Q: Attributes and values with or without space?

A: Without

Specs vs Real life

There are only two hard things in Computer Science: cache invalidation and naming things.

- Phil Karlton

Q: Two letter class names?

A: Maybe, but try this and this.

Q: kabob-case or camelCase?

A: kabob.

Q: 6 elements or 1?

A: Depends. What's instructive? Do you need the nesting?

Q: ID or Class?

A: Likely a class.

Q: How much whitespace?

A: Just enough, but apply consistently please.

Q: Single or Double quotes?

A: HTML double; CSS single.

Q: em or rem?

A: rem

A2: rems for modules, ems for cascade-able things

Today

- Review
- More Flexbox
- Grid

Inline-Block

Inline, but with width and height

Move beyond floated

items with
clear: both

Float Shapes

Only for inline content adjacent to floats

Floats are mostly Hacks; Use Flex

Until now: Boxes ↓ and Text →

Now: nuanced columns ↓ and rows →

Flex is Best:

- Centering
- Sidebars
- Fluid grid layouts
- Equal height cards
- Footers at the bottom

display: flex

Set on parent; allows alignment of *direct* children

1. Direction
2. Alignment
3. Order
4. Flexibility

Direction

- flex-direction
  - row: default
  - column

Alignment Rows

- justify-content (horizontal)
  - flex-end/flex-start
  - center
  - space-between/space-around
- align-items (vertical)
  - flex-end/flex-start
  - center

Alignment Columns

- justify-content (vertical)
- align-items (horizontal)
- align-self (vertically in item)

Order

- explicit: 1, 2, 3
- before all : -1
- flex-direction for flipping order
  - row-reverse
  - column-reverse

Flexibility

- flex: 1
- align-items: stretch (grow height to fill container)

- flex: initial for static width
- margin-left: auto to push last element right
- flex-basis : usually content width, but can be explicit width
- flex-shrink : 0 for do not shrink
- flex-grow : 1 for grow as large as you can

Let's talk about grid

display: grid

slices element into a grid tracks

Like Flex

We have containers and direct grid children

Let's see some examples

2,

3,

4,

5,

6,

7,