ITMD-362 WEEK 14

April 10, 2018
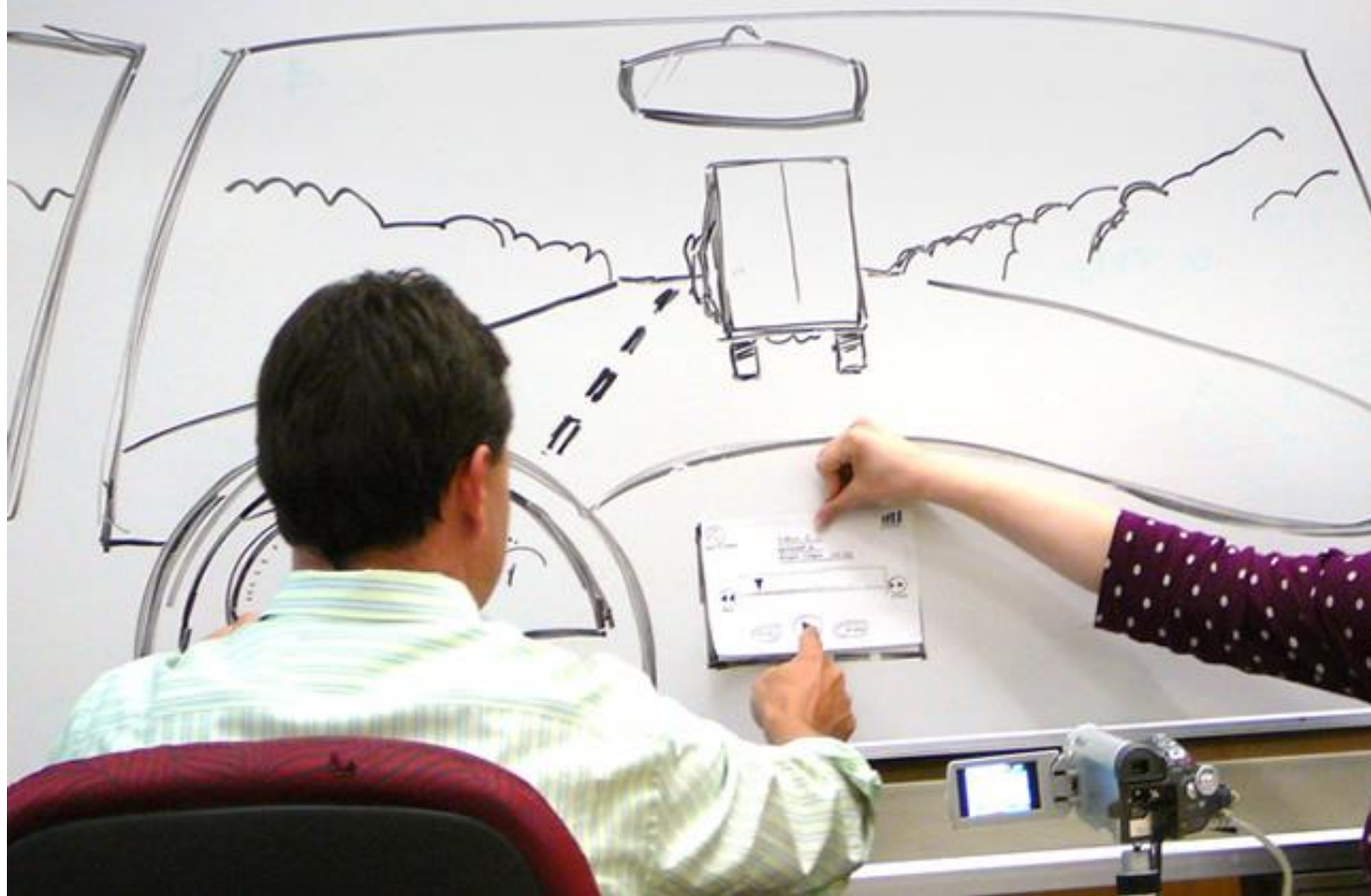
TONIGHT'S AGENDA

- Usability

- Usability Testing

- Testing Tools

- Frameworks

Usability

WHAT ARE WE TESTING?

WHAT TO ASK?

- What did you think of my site?
  - Benefit?
  - Problems?

- Suggestions for Improvement?
  - Benefit?
  - Problems?

- What didn't work for you?
  - Benefit?
  - Problems?

Usability Testing

WHAT IS USABILITY TESTING

- Evaluate a product by actually testing it on users?

- As apposed to engendering or in-house testers

- Is it Science?
  - Not entirely

LEAN DESIGN

- Step 1: take my Behavioral Design class

- Step 2: find "minimal functionality necessary"
  - To meet business objectives

- Step 3: Engineering Review
  - Can it be done and how long?

- Step 4: Prototype Testing
  - Prototype goal: speed to test
  - Fake the back end as much possible

PAPER PROTOTYPE TESTING (VIDEOS)

- [Remote Paper Prototype Testing](#)

- [iPhone User Interface Design, Paper Prototype study](#)

- [Example Usability Test with a Paper Prototype](#)

Testing Tools

WHAT TO USE: KRUG

- Usability test script

- Checklists

- Instructions for Observers

- Watch the Demo Test Video

- The other tools are useful but let's keep it simple
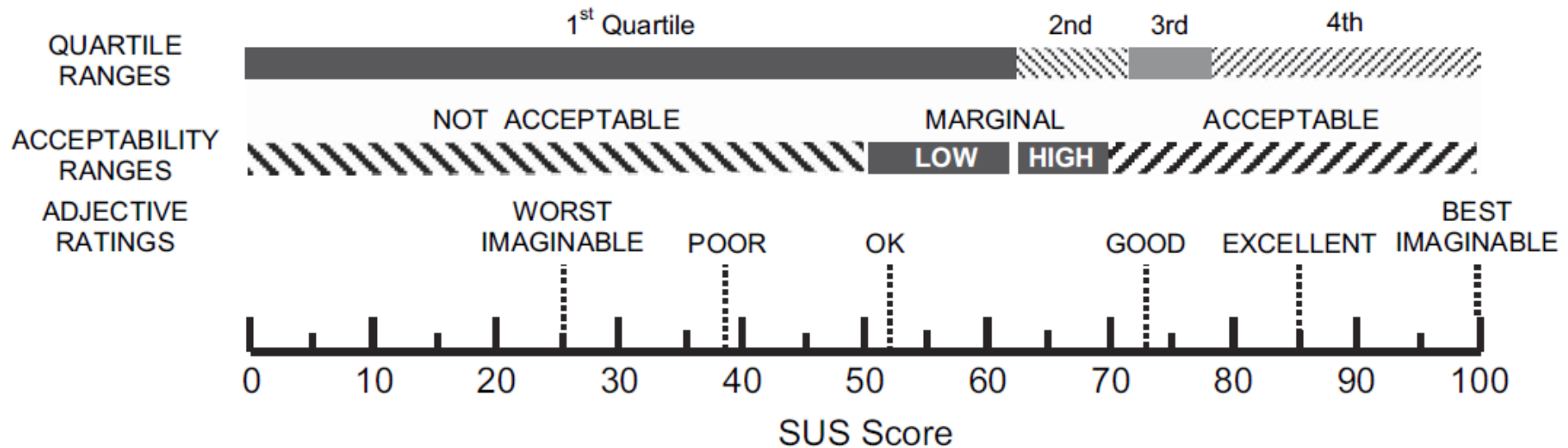
PREPARING THE TEST

- Don't go in blind

- Know exactly what you want to test

- Know exactly what "type" of answers you want

- Practice the test on your own team first

- Use the Likert Scales (0-10 or 1-5)

POST USE TESTING
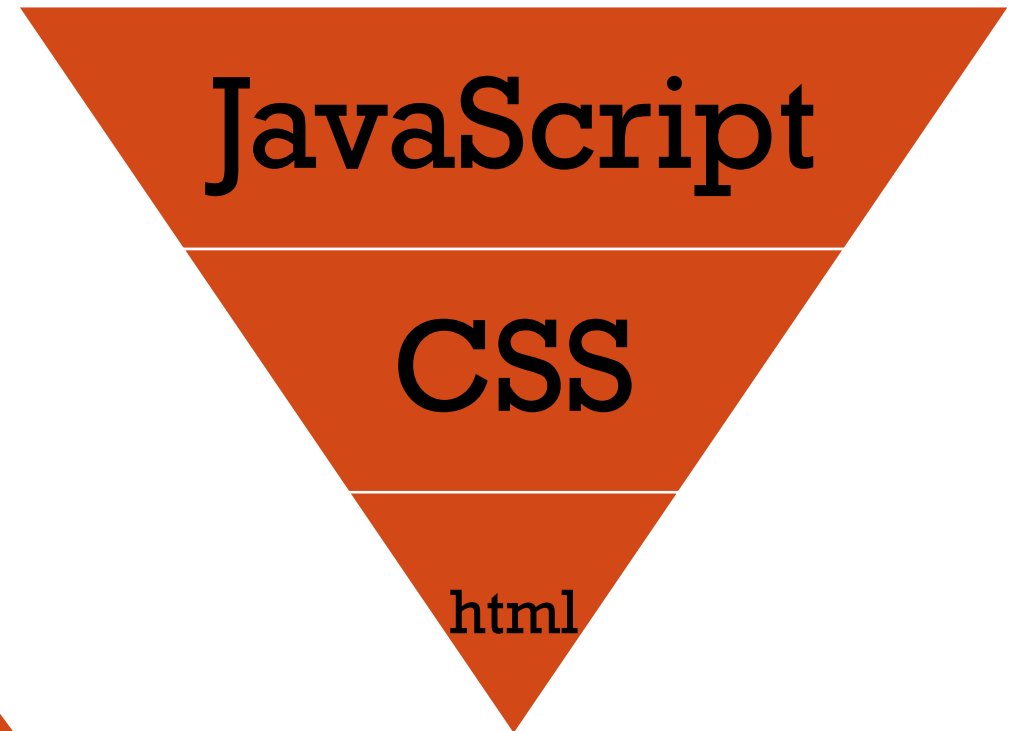
▪ SUS Usability Scale: Basecamp Link

Why Frameworks?

WHY DON'T WE TEACH FRAMEWORKS?

You

Bad Developers
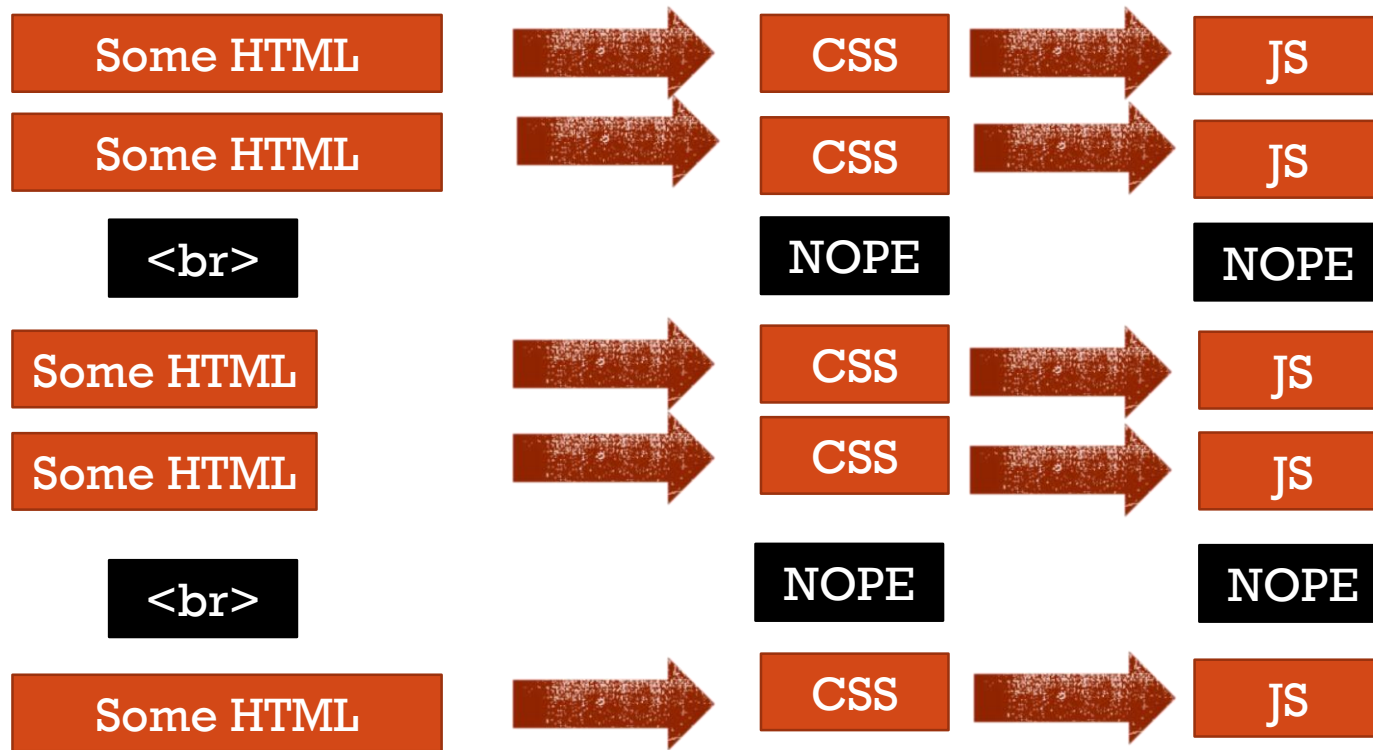
JS

CSS

HTML

JavaScript

CSS

html

WHY DOES HTML MATTER SO MUCH?

- Baseline point of access
  - Least possible experience for your user

- Foundation of your DOM
  - Forms the API library for your CSS and JS
  - The reason we don't use
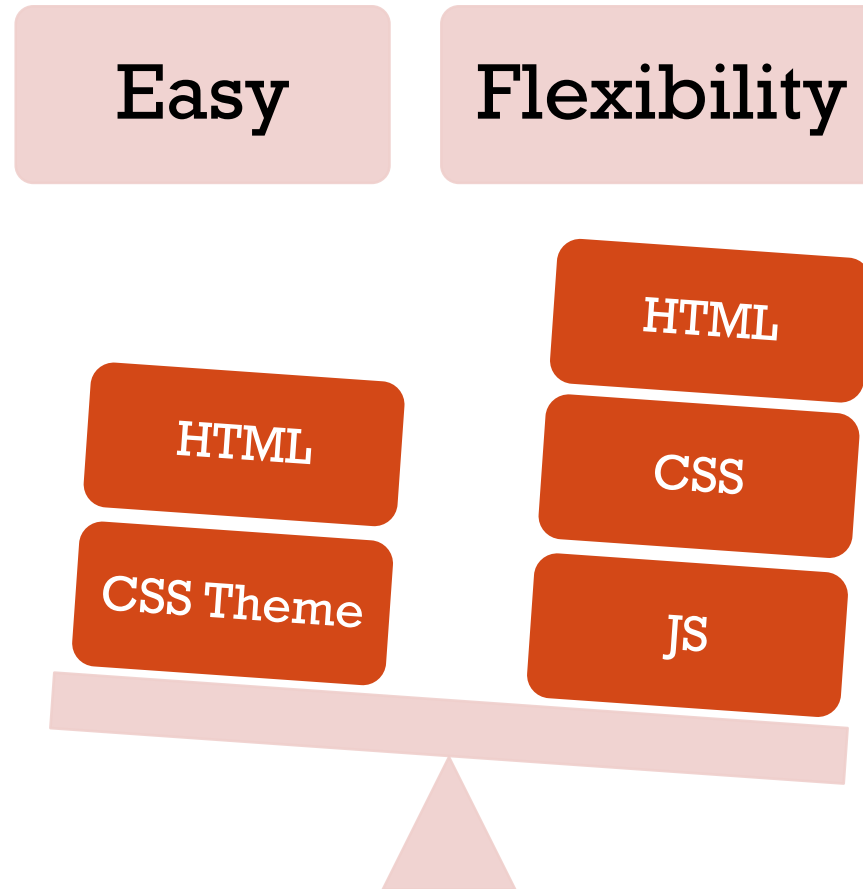
WHY
 IS SO BAD: NOT IN THE DOM
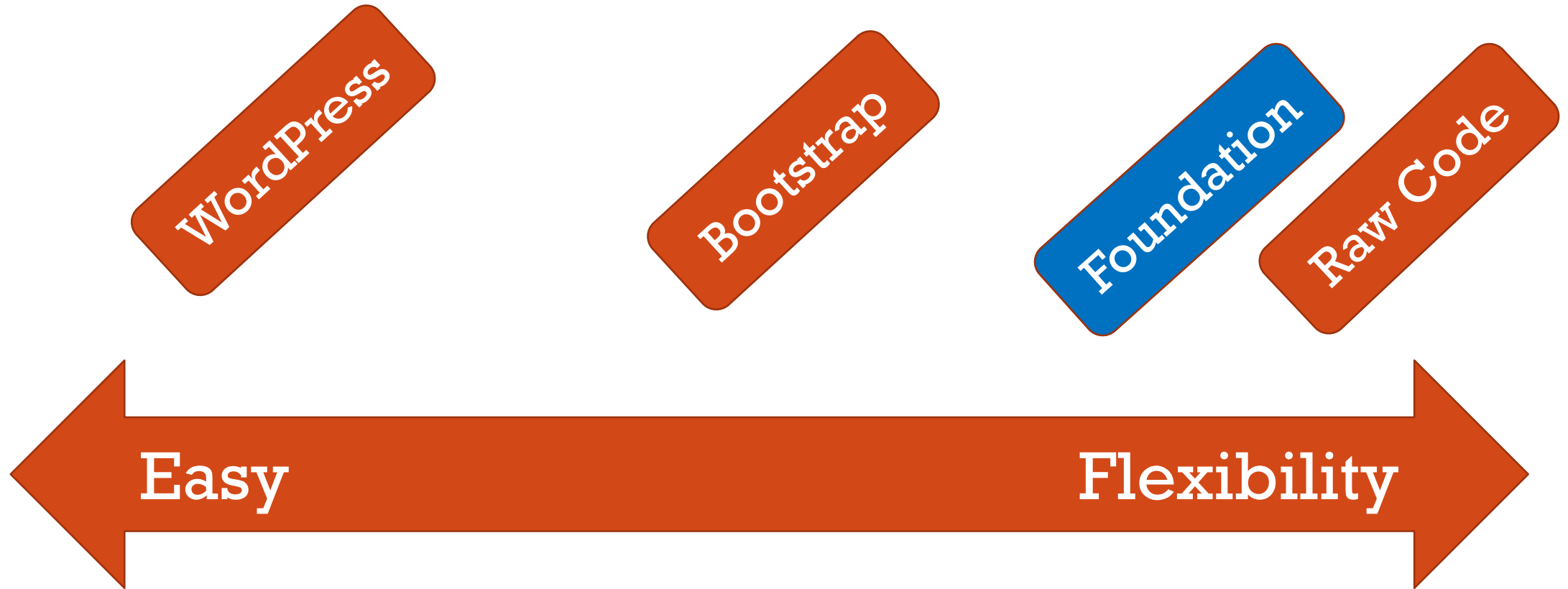
Some HTML	→	CSS	→	JS
Some HTML	→	CSS	→	JS
 		NOPE		NOPE
Some HTML	→	CSS	→	JS
Some HTML	→	CSS	→	JS
 		NOPE		NOPE
Some HTML	→	CSS	→	JS

Frameworks

FRAMEWORKS: NOT ALL CREATED EQUAL

Easy

Flexibility

HTML

CSS

HTML

CSS Theme

JS

SCALE: EXPERTS

WordPress   Bootstrap   Foundation   Raw Code

Easy   Flexibility

SCALE: YOU

WordPress

Bootstrap

Raw Code

Foundation

Easy ← → Flexibility
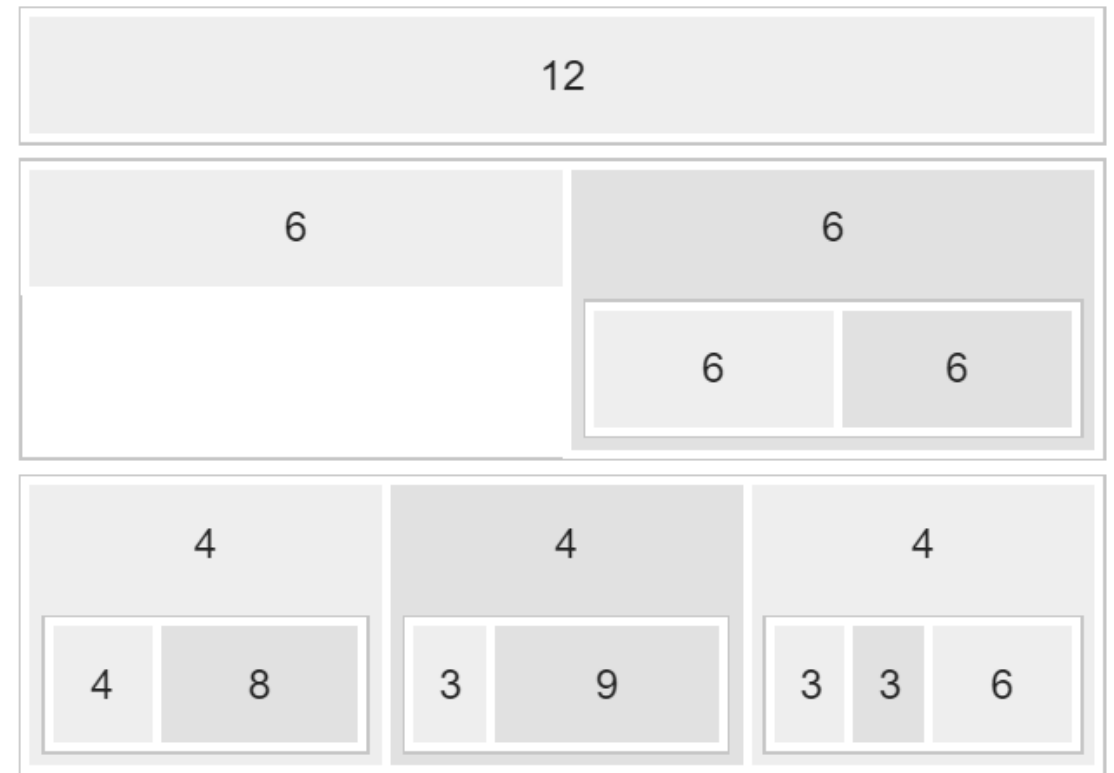
FOUNDATION: BASICS

- Download the library and add it to your database.

- Start with their index.html

FOUNDATION: XY GRID

- Flexbox: Auto and Shrink Sizing.

- You have control over x and y coordinates.

- Full control over margin and padding

- Basic and advanced grid/cell-block classes

<div class="small-6 cell">

NOMENCLATURE:

Rows & Columns

- Quick Row:
  class="grid-x"

- Quick Columns :
  class="cell"

Padding & Margins

- Quick Left/Right Padding:
  class="grid-padding-x"

- Quick Top/Bottom Margins:
  class="grid-margin-y"

Responsive Grid: Link

- Smartphone
  class="small-6"

- Tablet:
  class="medium-8"

- Widescreen:
  class="large-9"

THE GRID: LINK

- This is where you can start.

- Jump past getting your line height and relative units just right...if you dare!

- You can also download full site templates: Link