

Reminder on a few topics!

- Quick Notes on a few scattered topics
- Contacting the Teacher
- basic-form feedback
- CSS classes

Who/When are you?

If you reach out in email

- What class are you?
- Which campus are you?
- I have a terrible memory
 - and >150 students just this semester
 - 5 different classes
 - across 3 campuses
- I won't know what "the assignment" is
 - Or when it is due

Slack DOES tell me

Office Hours

- I'm happy to answer short questions in Slack
 - No one has bothered me
- Involved questions get better answers on Zoom
 - If scheduled hours don't work
 - Request another time

I have a terrible memory

- If you asked me for something
 - Feel free to remind me
- Do get notifications from Slack #announce
 - Important details can pop up!

Basic Form had a few common issues

- What is "1 column"/"2 column" layout?
 - If class was unclear, why no questions?
- 1 column:
 - Labels usually above the inputs/fields
- 2 column:
 - Labels usually to left of inputs/fields
- NOT one vs two columns of label+fields

Common issues with the use of CSS classes

- When to have classes
- What name to use
- BEM or not?

When to have a class (Generally)

- To define the default behavior of an element
 - Use element selector
 - `` will look like this by default
 - `<button>` will look like this by default
- If you are styling HTML that you don't control
 - Use "compound" selectors of whatever
- Otherwise, use a class
 - Mostly a single class
 - Compound only when dependent on a state
 - Ex: menus having open/active ancestor

Rule of thumb for classes

- Excluding styling ALL elements of type
 - Including expected future
- Will this element be styled?
 - Give it a class
- Will this element be interactive?
 - Give it a class

BEM Style

- BEM style is an option for this course
 - A classname is either BEM or it is not
- BEM style:
 - BLOCK, ELEMENT, MODIFIER each semantic
 - Each a meaningful name
 - `.BLOCK`
 - `.BLOCK__ELEMENT`
 - `.BLOCK__ELEMENT--MODIFIER`
- BEM is for humans
 - "It works" is talking about the computer

BEM Block

- `.BLOCK`
- A "chunk" of the page
- Just a semantic label
 - Including being `kebab-case`
 - Multiple words connected by single hyphen
 - All lowercase
- No different than non-BEM Semantic labels
 - Benefit comes when we add elements
- Blocks can appear inside other blocks
 - Use when you will use/style parts inside

BEM Element

- `.BLOCK_ELEMENT`
 - Exactly two underscores!
 - Only two parts
 - One Block
 - One Element
- ELEMENT is subblock
 - Might be actual semantic element type
 - Might be a semantic class name
 - Same `kebab-case` naming rules

BEM Modifier

- `.BLOCK__ELEMENT--MODIFIER`
- Will be `.BLOCK__ELEMENT` as well!
 - Have both class names
- Exactly two underscores
- Exactly two hyphens
- MODIFIER is a semantic *state*
 - `open`, `active`, etc
 - same `kebab-case` rule
 - Comes up a lot more with JS
 - We add/remove states

Not Using BEM? Not a problem!

- Course requires for EVERY class name:
 - Semantic
 - Name describes block/contents
 - `kebab-case`
 - No underscores
- Outside of course
 - Lots of different rules sets (still rules!)
- Either way, want to use classes
 - Styled elements
 - Elements targeted by JS
 - Elements modified by JS

Why do we want classes?

- All selectors using single classes
 - Same specificity
- Makes CSS more readable
- CSS breaks less often when HTML changes

```
main div div a {  
  /* styling */  
}
```

VS

```
.card--link {  
  /* styling */  
}
```

Dropdown with JS - The Hint

- *Toggle a class on the element that you were looking at :hover/:focus-within on when the button is clicked*
- *Have your CSS apply the same changes you did on :hover/:focus-within, but only when that extra class is present*
- *Make sure to use a class name that is descriptive and semantic, such as "open"*

Toggle on the element you were looking at

- *Toggle a class on the element that you were looking at :hover/:focus-within on when the button is clicked*

- Was like: `.menu__item .menu__button:hover ul {`
- Now like: `.menu__item .menu__button.open ul {`

Notice how the logic is very similar

BEM Style would be:

- `class="menu__button menu__button--open"`