

## Intro Thurs

- mention portfolio site is released tomorrow
- mention lightning talks
- overview of what to cover:
  - improvements for site
  - git collaboration
  - SRI
  - deployment
  - SCSS
  - image optimisation

## Thurs challenge

- `favicon.ico`

## Git collaboration pt1

- refresh git vs github, and connection between the two (concept of a local repository)
- show remote repos with `git remote -v` (will be empty for cats-cakes since doesn't have a remote repo yet)
- Create Github repo called 'cats-cakes'
- `$git remote add origin git@github.com:Andrew-CC-Martin/cats-cakes.git`
- `$git remote -v` to confirm it's there
- `$ git push origin <branch name>`
- confirm that master branch is on github

## Updates to site

- *Try to be very clear about why I'm making these changes*
- create new branch for changes
- For navbar, change wrapper div to `<header>`
- Use find and replace in VSCode to do all at once
- Change wrapper divs for products-content etc to be `<main>`
- use flexbox to create sticky footer:

```
<body>  
<main>
```

```
body {  
  display: flex;  
  min-height: 100vh;  
  flex-direction: column;  
}  
  
main {  
  flex-grow: 1;  
}
```

- go through process of fixing the transition bug - show the stack overflow thread
- fix the scrollability on homepage

```
#front-page-image {  
  width: 40%;  
}
```

- add some padding on home page copy, for mobile view

## Git collaboration pt2

- Overview of what we're going to do
  - review branches and reverting changes
  - connect github as a remote repository
  - push some new code, and create a PR
  - merge the PR, then pull those changes back to local
- talk about what branches are, and why they're useful (could be good chance to use canvas whiteboard)
- listing branches with `git branch`
- refresh reverting unstaged changes with `checkout .`
- unstaging added stuff with `git reset`
- undo commit with `git reset ~HEAD`
- `git --amend`
- run through the PR process on github (including code review comments), then pull the updated master to local

## Deployment

- do drag and drop deployment on netlify

## SRI

- Explain how we are improving security by making sure that the resources we link to our html have the contents that we expect.
- go through this as a kind of 'recipe' first, just to show what to do.
- Emphasise that understanding all the parts of this is unrealistic at this stage.
- Mention that this is one of the assessable criteria on the portfolio assignment.
- go to MDN docs and copy the line.
- copy the generated hash and add to the integrity attribute on the element, prepended by the name of the hash algorithm.
- eg `<link rel="stylesheet" integrity="sha384-<hash>"`

## Fri

### Intro

- Growth mindset kahoot
- Growth mindset. Ok not to understand everything. Some days better than others.
- Reminder that workbook assignment exists
- Check how people went with favicon

### Randomise script for lightning talks

- refresh what lightning talks are
- run script

### SRI continued

- Explain what a server is. "cloud", just a box somewhere
- create web server in VSCode. get students to connect to it
- explain how this was the reason why SRI wasn't working.

### Project management and Trello

- Create a trello board, with cards for:
  - sass
  - site map

### site map

- draw.io

## Sass

- install live sass compiler extension
- mention that if sass doesn't work locally, you can play with it in Ed. also mention possible to install CLI with homebrew.
- mixins and inheritance

```
@mixin aligned-column {  
  display: flex;  
  flex-direction: column;  
  align-items: center;  
}  
  
#contact-form {  
  @include aligned-column;  
}
```

- variables

```
$brand-orange: #e07b39;  
  
button {  
  background-color: brand-orange;  
}
```

- nesting

## image optimisation

- resize a couple of the images appropriately

## Possible extras

- google fonts
- .gitignore and
- svgs
- gradients
- box-shadow
- add favicon