HTML / CSS day 1:  
client types url -> (GET) request) -> Server -> response (files: HTML, CSS, JS)  
every browser has built-in systems: some won’t show pages in the same way  
front-end (browser only, client-side:) html css js  
back-end (server-side:) languages e.g. node, php + databases  
  
HyperText Markup Language = HTML is STUPID! It’s not a programming language, it’s a markup language. You wrap things you want to show in HTML elements to tell browser where to show what.  
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<html>  
<h1>Hello World</h1>  
 <p>This is a paragraph</p>  
</html>  
  
comes out as ..  
  
**Hello World**  
This is a paragraph  
------------------------  
  
tags ( <x> / </x>) usually come in pairs; some exceptions close themselves without closing tags.  
HTML Document Object Model – all elements are treated as objects.  
  
e.g.  
<!DOCTYPE html> declaration defines the document to be HTML5  
<head> = metadata for computers: who did it, what. “brain” of the page  
<title> = always needed for page, the tab name  
<body> = all that you want to show, the “body”  
<h1> = header  
<a> = anchor, link connecting two elements  
  
  
liveserver = constantly checks and loads save, no need to manually refresh page  
HTML Lint = to check if html works  
  
CSS, Cascading Style Sheets, describes how HTML elements are to be displayed.

h1 {color:blue; font-size:12px;}  
selector . .. . . . property:value (both make a declaration)  
  
selectors can be: HTML elements, IDs, Classes.  
only 1 of each ID possible, Classes can be multiple. ID can be used to identify one element, class can be used to identify more than one.  
html: p {X:X}  
ID: #my\_id ….  
class: .my\_id ….  
if element you want to use has some purpose/intention, e.g. send to database, use ID(we need THIS one), otherwise for beauty/styling etc. class!  
  
<p class=”important”>This is a paragraph</p> 🡨entire thing = element  
 ^^class = attribute  
  
CSS = overriding all the time, from the top to bottom! If you have defined color blue earlier but then defined later as purple, it comes as purple.  
  
COMMENTS:  
html: <!—XXX -->  
CSS: /\*XXXX \*/

GitHub.com  
Create new repository  
REACT21K\_HTML3\_&\_CSS3 for name  
  
GitBash  
cd Desktop (windows?)  
cd… HTML\_CSS  
git init  
git add .  
git commit -m “first init”  
git remote add origin (URL)  
(git remote -v to check)  
git push origin master  
  
Portfolio week 1  
