warwick

C<>ding

Session 1

Introduction to the Web

About us

- Zaid Lahham & Fadi Hakim
- Warwick
- Makers Academy

Term 2

- 2 hours a week
- 8 sessions
- Material between sessions

Course Content

- Intro to HTML
- Intro to CSS
- *Possibly an intro to JS and jQuery*

What is the web?

History

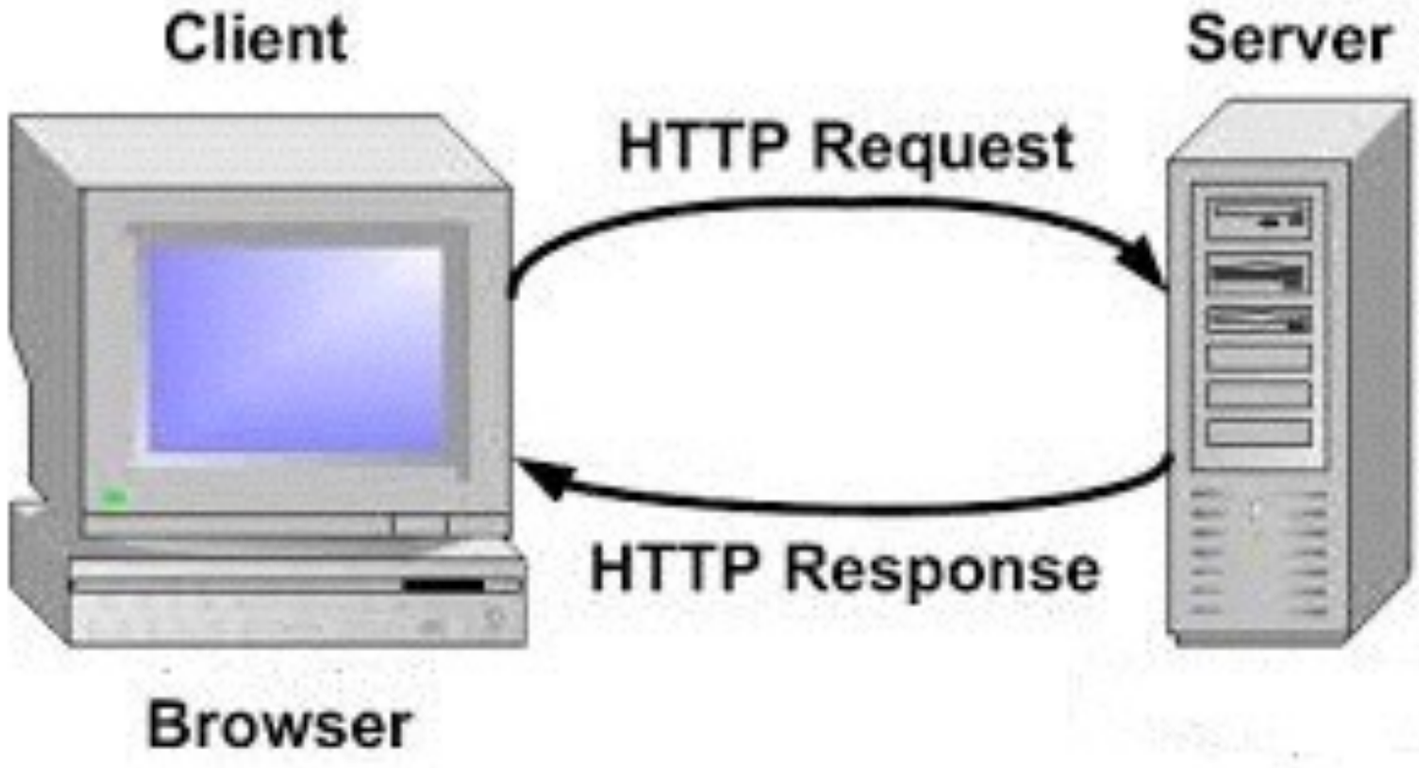
- A billion websites and counting (2014)
- Created in CERN by Tim Berners Lee (1990)

PROPRIETE CERN
CERN
PROPRIETE CERN

The WC3

- World Wide Web Consortium
- Develop web standards

Client vs Server



The Browser

Coding Time

Brainstorm a new keep calm poster 5 mins

Introduce HTML
Introduce CSS

Show video on thimble

Remix the poster 15-20 mins

- Lets get a taste of what HTML and CSS are all about
- thimble.mozilla.org
- https://d157rqmxrxj6ey.cloudfront.net/zlahham/11140/

HTML

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>Hello WarwickCoders</title>
  </head>
  <body>
    <h1>Session 1</h1>
    <p>This is a paragraph element</p>

    <h2>The Following is an unordered (bulleted) list</h2>
    <ul>
      <li>Item 1</li>
      <li>Item 2</li>
      <li>Item 3</li>
    </ul>
  </body>
</html>
```

CSS

```
1   .navbar {
2     border-radius: 0;
3   }
4
5   .navbar-brand {
6     padding-top: 0;
7     padding-bottom: 0;
8     display: block;
9     line-height: 50px;
10
11    h1 {
12      color: white;
13      margin-top: 12px;
14      font-size: 1.3em;
15      font-weight: bold;
16      padding: 0;
17      color: white;
18      display: inline;
19    }
20
```

Let’s build something

Thimble Intro

20 Minutes

- Pair up with someone next to you
- Think about the poster you want to do
- Work on one laptop

Reflection

- Pair-Programming?
- Efficient workflow
- How large the web dev world is
- Communication is key, USE SLACK FOR EVERYTHING
- step…by…step 😀

Resources for next session

- MozillaDeveloperNetwork MDN
  - https://developer.mozilla.org/en-US/docs/Web/CSS
  - https://developer.mozilla.org/en-US/docs/Web/HTML
- **Try not to use W3Schools**
- www.codepen.io/
- CodeAcademy: https://www.codecademy.com/en/skills/make-a-website

“Talk is cheap. Show me the code”

–Linus Torvalds