Introduction

Html

Activity -build a static website

Lunch – 12 – 1

What is html?

Hyper text markup language – tim berners lee

Markup language is a set of markup tags – tags which tell the computer what to do

Right click inspect to get the html code for the website

Editor to write code for html – sublime text/atom

How the internet works?

When you access a website

Request for a data packet – travels through fiber optic cables

To server

Copy of website split into packets

Regional hubs

Html structure

* Start with html, for autofill
* Head – data about webpage like title
* Content of the webpage goes into the body

CSS

Cascading style sheets

Styling the webpage

Every element can be styled differently

Syntax selector, property, value

Types of css

Inline css – style inside html tags

Internal css – within the same html document

External css - separate file that is linked

Hosting sites

Service that hosts sites over the internet

Github pages, amazon web services, azure

Servers are storage bins for data

Static - – static not interactive in real time, e.g. Wikipedia

dynamic website - interactive like Instagram

github pages – static hosting sites

doesn’t support server side code like php, ruby, python

why github desktop

push data from computer to repository

gy interphase to push

terminal