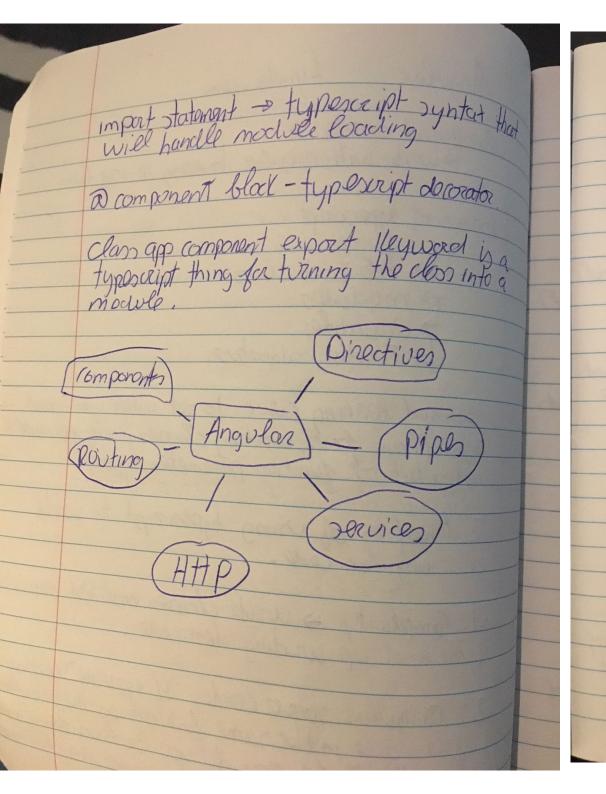
Argular Lynda.com Component architecture
Lawrite with angular to easy re-use them Basics of type xipt > ES 2015 class > modules > Variables > Function signatures Minimal loaning curve to get where you need to be. Main focus, writing classes, using decerate's and a bit of function parameter typing. 2 benefits of using typescript to write 1: Simplicity - write classes and ise decoration 2° Chyvlar sare code. If you're weting you code in the same fortiain on the angular code. It'll be easy for you to look through your source code as you gave your angular will,



1. Architecture aversien.

Angular is build upon components.

Angular runs on a component tree model.

After angular loads the first component with the bootstrap call, it looks within that components html view and sees if it has any nested components.

La Anothe Matches? > And the appropriate certe

A component in angular is used to rander a partion of himl and provide functionality to that portion.

Example > Medication Component that can have a property named medication that represents the data fee a maria item so with each component in angular you can so spluty a titml template:

Directives and pipes) In Angular a component is actually a direction with a template Can transfam the DOM (Document Object Mayor two types of directives 7: Attribute - change the behavior or apparance of an enting Dom element. you as write an of clament you can wrote an attribute on an element that makes your selector. Or you can use the assignment statement. A pipe talles end d'ata, like a string of coray, and runs some logic to tampen

Data binding

the most common way of displaying data in a view template is via interpolation, when you is used brackets around a component property to tell angular to render the content of that property.

In addition to only polation and build in directives, the syntex has constructs and putles such as template expressions and statemens, a binding syntax Ja proplety, attabak class and style bindings, event bindings, and template aprelsion operators.

Growte lo

teache local

Create una use focal template bariables

Dependency injection) DI in short, is the concept of inversion of come a toc for short, where you are dited code in what you provide modules with other medules DI allow you to write decapled cale that is larier to unit test and to well with Decorple = Seperate Unit testen = een mothade om software malle of strikjes broncode afandeligh te toster. the most common place you se DI is inspection. replace a dependency at any phase of applied

Services and other business logic

When writing components in angular, it preferred to craft the classes for these in a way that the class logic only consists of backering dates to and from the war and adding functionality to the view

Services > you have a component that nears to display a media item, journant class can handle finding the record dates and returning it as an object.

one of the nice adventages of angular the framework is designed to use you cade. This allows you to write marken decaplar code that is easier to maintain and revsp.

all Mobile Lynda.com (avascrip) (Data persistence) modern web page Component add (Hem) three layers Himl layer, this is where the come is the lives. Without this those is now in-memory Data store (emponent 5 (95 layer, instructs the browser tow to display the Html. Html and CGS walk is typically to well with some lund of data in a read-write fashion Javas cript, interactive layer. Runs
the Browner and interacts with the Atml mark up and CGS hules that allows you to write small program you can create a Javerscript class to there duta, provide it to your app as something that can be injected in and then do come instance of the where heeded to Bring in the CCS of the current decument instance of theet opell

Guery, library of javascript junctions. Con like syntax and several viscos and vi en hangments. Is Smplifiles the use of javascript in websites.

Javascrift frameworks.

angulasis, Mad, Vere p.

noce, jo. plassem build on browse nuntime environments, Used to run advanced operation and application on serves and computer using javancipt

the comole is a command line for the browner where you can write, manage, and monitor Java xipt

To javasonot is case semitive

quality where implied of the text injuly

quality where implied of the text injuly

2 be camplease

Variables start with lawercase letters
Objects and dasses stort with uppercase letter
Constants are all-caps

3 Whitespreo motten (to human) comintally docroveren.

4 End each statement with a semicolon

any time you downers

Everytone you orate a variable, aldare it care the car prefix to avoid inventor

Data types in Javancipt - Numeric - tous regular numbers and integers - String - stores strings of letters and symbols - Boolain - stores one ortheopen of the library paintenance - underfined - Dymbol