Angular Interview Questions

Decorators – used extensively and are also used to compile a code. Can create custom

* Class decorators
* Property decorators
* Method decorators
* Parameter decorators

Used @Component, @Injectable, @NgModule

CLI Commands

Component directory structure

* Module.ts – module is declared @NgModule decorator is used which initializes the different aspects of angular applications. AppComponent is also declared in it.
  + Declarations are which directives belong to the module
  + Imports which other modules this module uses
  + Bootstrap – startup
  + Providers – service
* Components.ts – defines the components in angular and this is the place where the app-root sector is also defined. A title attribute is also declared in the component
* Component.html – html template

\*ngFor – for loop to iterate through a list

Property Binding – {{}} string Interpolation

\*ngIf – if directive

Angular diff between component and directive

* @component vs @directive
* Directive is used to add behavior to an existing element where a component is used to create a component with attached behavior.
* directive attached different behaviors to existing dom element.
* Component break app into smaller components

Isolated Unit Tests – testing individual units of code.

Routing –

What is Angular

* Typescript based front end web app

Different Versions

Library – collection of functions which are useful when writing web apps. jQuery

Frameworks – a particular implementation of a web application, where your code fills in the details. The framework is in charge and it calls into your code when it needs something app specific

Angular vs AngularJS

* No scope
* [] for property () for event
* Mobile dev – desktop development is much easier when mobile performance issues are handled firt
* Modularity – much core functionality has moved to modules, producing a lighter, fater core
* Modern Browser only – reducing the need for browser compatibility workarounds
* TypeScript
  + Class based Object Oriented Programming
  + Static Typing
  + Generics

JSON Web Token – used for Authentication & information exchange

* HMAC algorithm
* RSA algorithm

JSON Web Token Structure

* Header
* Payload
* Signature