Angular Notes –

Prerequisites tools for installing ngular –

-Node

-Angular cli

🡪Commands for creating Angular –

Ng –g angular/cli – it will install all the required angular framework.

Ng new AngularApp – it will install all the required angular files for project.

Ng serve or ng serve port --4300– for run the Angular Application.

Ng g c Navbar – it will create component file.

-Cloud Faster

-Learn Smart Not Hard

-Property Binding In Angular

-tsconfig.json - It is resposible for TS Configuration Application Test.

-Package.json - this file INcludes all the required NPM Packages.Also includes all npm commands

-node modules - Al the required fies for angular frameword is installed.

=src/assets - we will add all necessary medical files here. e.g - images,iconx etc

-main.ts - This is the main entry point of the angular application. This files compile all app module to run to the browser.

-component.ts - we add All the logics for particular component here.

-app.module.ts - Here we define the route modules.that tells angular how to assumble the Angular Application

-Component - Component is combination of data html template and logics.The component represents an area of view that shows inside the browser.

COmponent Loads under the browser.

-ngOnInIt – This is an interface and Also we called interface as lifecycle hooks

-its callback lifecycle which is invoked after particular component fully initialized inside the dom.This is different than constructor.

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🡪Angular Data Binding –

-We can Add Data Binding using this“ {{ }}”.

-And Also we called String interpolation.

🡪Sharing Data Between Components

* Parent Child Relation between Components

1.Parent to child component via @input Decorator

2.child to parent component via @output Decorator

1. -[Child to Parent: via Output() and EventEmitter](https://www.samarpaninfotech.com/blog/methods-to-share-data-between-angular-components/#h-method-2-child-to-parent-via-output-decorator-and-eventemitter) Decorator
2. [Child to Parent: via ViewChild](https://www.samarpaninfotech.com/blog/methods-to-share-data-between-angular-components/#h-method-3-child-to-parent-via-viewchild-decorator)