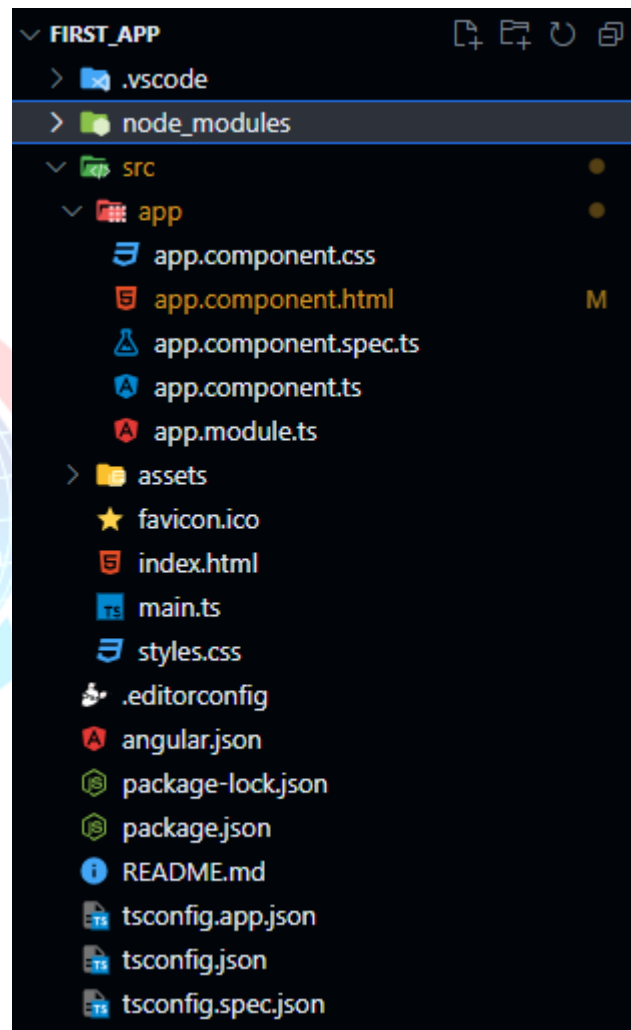




by Kunal Sir

# Angular Folder Structure

❖ Angular Project Folder Structure :-





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Complete Java Classes

by **Kunal Sir**

## Angular Folder Structure

- **Node\_Module:-** This directory stores all the project core libraries as well as third party libraries.
- **src :-** this is the source folder of application and it will store all the file which are related to your application code.
  - **app:-** the app folder contains app module and app component of our application( which is root component of are application ).
  - **app.component.css:-** This file act as styling sheet for our app component.
  - **app.component.html:-** In this file we can write structure of our application.
  - **app.component.spec.ts:-** use to perform unit testing on app component.
  - **app.component.ts:-** This file is the TypeScript file for our app component and it defines logic of our root component.
  - **app.module.ts:-** app module is the parent module of our application and by default app component is declared in app module.
  - **assets:-** the folder is use to store static contain of our application like images, videos .
  - **favicon.ico:-** this file contain favicon of angular application.
  - **index.html:-** this is the only page which is going to be displayed on the browser.



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## Angular Folder Structure

It has selector of our root component in body element.

- **main.ts:-** this is main TypeScript file of our application which dynamically bootstrap app module of our application.
- **style.css:-** this file is the global styling file of our application altho ,if want to add global styling in our app you can use this file to add global styling.
- **.editorconfig:-** Not project specific it contains configuration for editor like plugins for text editor( ide ).
- **angular.json:-** This file contains project configuration in json format ,and that configuration is use to build development tool provided by angular cli.
- **package-lock.json:-** package-lock.json is automatically generated for any operations where npm modifies either the node\_modules tree, or package.json. It describes the exact tree that was generate
- **package.json:-** this file contains all the dependencies and their versions.
- **README.md:-** Introductory documentation for the application.
- **tsconfig.app.json:-** typeScript configuration file for application level.
- **tsconfig.json:-** it contain typeScript compiler settings.
- **tsconfig.spec.json:-** typeScript configuration file for test level.



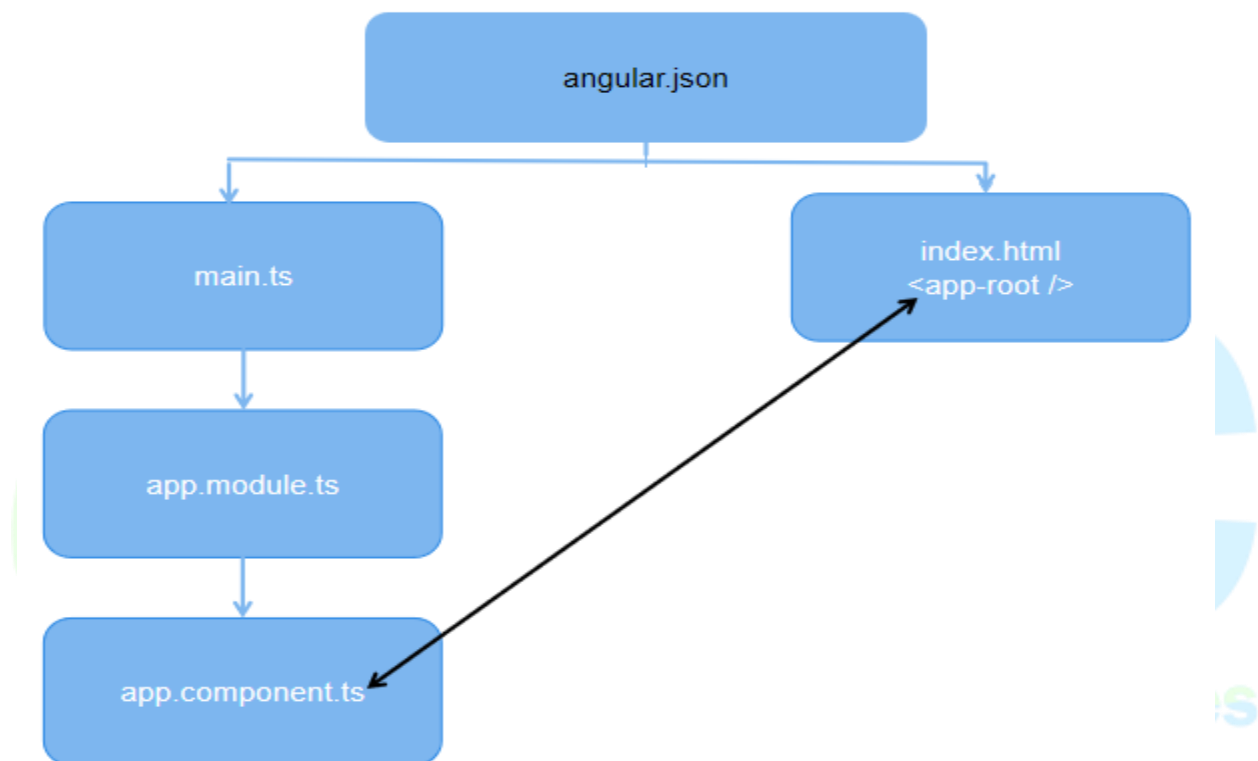
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## Angular Folder Structure

### ❖ Angular Application Execution Flow:-



1. Once the development server reads to the configuration of angular.json file it identifies various file like 'index.html', 'main.ts', 'styles.css' and many more.
2. as index.html page is received, it will go to be displayed on the browser.



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## Angular Folder Structure

3. Next the main TypeScript file is going to be executed which bootstraps the AppModule.
4. Further in AppModule , AppComponent is declared and bootstrapped. So the flow will go to AppComponent.
5. AppComponent has selector 'app-root'.
6. This selector is used in body element of an index.html.
7. So , what ever the code is written in index.html , that code is going to be displayed on the browser.



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