Angular Notes

-> install Angular Essentials extension, that is pack of more than 5 extensions that usefull for development in VS code.

-> TO run your Angular project hit npm start command

-> ACADEMIND\_JETBRAINS is the code for free Jetbrains edditor for six months.

* Below are the Configuration files for TypeScript, generally no need to change. They are generally for the in built use to convert TypeScript code to JavaScript when software runs in browser.



* Below files are main files about project introduction and for identify the project dependency for various npm pakages.



* Below file is generally use of the configuration of Angular and it’s various tools.

File name is angular.json.

* This src folder is main and important folder for your development code. Generally all files and folders comes under this folder.



==== How Angular project runs.====

* First code file that execute after all configuration files is main.ts file.



* Here we imported bootstrapApplication object from @angular/plarform-browser pakage.
* And another object imported is AppComponent that is from in built folder app/app.component.ts file.
* So When bootstrapApplication try to load AppComponent it will go to that app/app.component.ts file as per settings it loads it.



* Here Component object is imported from @angular/core pakage.
* @Component that is a decorative. This is TypeScript feature.
* Once this decorative is implemented with certain options, it will pass this all options or settings to below Javascript class that exported in same file AppComponent.
* Here one setting is “Selector” , it means browser will check for element in index.html file that is mentioned here in “selector” settings.
* And now in place of that element, for example here element is ‘jack-root’ , so browser finds the element ‘jack-root’ and replace it will what ever code return in file that is mentioned in “templateUrl” settings. Here in this case it is app.component.html.



* While rendering this content it applies the style that is define in “styleUrl” settings file.