ANGULAR CLI APPLICATION STRUCTURE

Code Repositories: https://github.com/sean-olson-e

Root files and resources generated with `ng new`

- **.git** file
- **e2e directory**: store end-to-end tests
- **node_modules directory:** holds all the project dependencies
- **src directory:** all of the code that comprises the application.
- **.angular-cli.json:** manages general configuration settings for your project
- **.editorconfig**: opensource cross-IDE configuration
- **.gitignore**: determines which files and folders are not committed to git repository
- **karma.conf.js**: controls testing
- **package.json**: manages all project dependencies
- **package-lock.json**: specifies tree structure, created when npm modifies node_modules or **package.json:** specifies the npm dependencies
- **protractor.conf.js**: supports testing also
- **README.md**
- **tsconfig.json**: determines how TypeScript is compiled
- **tslint.json**: used for linting, checking that code is clean

src directories and files and resources generated with `ng new`

- **app directory**: contains all the all source code
- **assets directory:** used to store static assets
- **environments directory:** allows for management of various environment variables
- **favicon.ico**: browser icon for application
- **index.html**: application host that contains the application root component
- **main.ts**: contains code for starting/bootstrapping the application
- **polyfills.ts**: manages polyfills that allow code to run in older browsers
- **styles.css**: used for global styles for the application
- **test.ts**: used for tests
- **tsconfig.app.json**: used for TypeScript compilation
- **tsconfig.spec.json**: used for TypeScript compilation
- **typings.s.ts**: used for TypeScript compilation