

Proccess to setup environment of 'ANGULAR'

Step 1: Download and install => **node**, **vs-code editor** and **git** (github)

Step 2: check version of node with command =>
node -v

Step 3: Install npm (Node Package Manager) with command =>
npm install -g npm

Step 4: Check version of npm with command =>
npm -v

Step 5: Install Angular with command =>
npm install -g @angular/cli

Step 6: Check version of angular with command =>
ng -v (or => **ng - -version**)

Step 7: install yarn with command =>
npm install - -global yarn

Step 8: Create a folder in any drive
ex: Internship

Step 9: Open your folder (Internship) in vs-code editor

Step 10: To create First Angular App
Open Your vs-code terminal (git bash) and type command =>
ng new my-app

Step 11: Delete node-modules and package-lock.json files from my-app project

Step 12: install yarn in your project with command in vs-code terminal (git bash) =>
yarn install

Process to setup GITHUB

Step 1: Create Account in github.com

Step 2: Create a repository in github

- select **public** option
- Add readme file
- select **node** for gitignore
- select **MIT License** for license

Step 3: Clone your repository in your local folder with command
git clone 'https path of yous repository'

ex: **git clone** <https://github.com/userName/project.git>

Step 4: Cut all folders of my-app and paste in your repository (which is cloned from github)

Step 5: Open your repository in vs code

Step 6: Serve your project with command =>

ng serve

Step 7: Push your project in github with command =>

git add .

git commit -m "code setup done" (note: " " is your instruction box)

git push origin main (note: main is your branch)

Process to create component

Step 1: Create two folder components/common and pages in app folder

Step 2: type command in terminal (git bash)

ng generate component path/component-name

ex: ng generate component pages/home

Process to install Bootstrap

Step 1: install bootstrap with command =>

yarn add bootstrap bootstrap-icons

Step 2:

After install, we will configure the bootstrap and bootstrap-icons libraries
Change the angular.json file and add the bootstrap.scss, bootstrap-icons.css
and bootstrap.bundle.min.js files as below:

```
"styles": [  
  "node_modules/bootstrap/scss/bootstrap.scss",  
  "node_modules/bootstrap-icons/font/bootstrap-icons.css",  
  "src/styles.scss"  
],  
"scripts": [  
  "node_modules/bootstrap/dist/js/bootstrap.bundle.min.js"  
]
```

Refrence URLs

1. Angular =>

<https://angular.io/>

2. GITHUB =>

<https://docs.github.com/en/get-started/quickstart/set-up-git>

3. Bootstrap =>

<https://www.freecodecamp.org/news/how-to-add-bootstrap-css-framework-to-an-angular-application/>