- 1. install homebrew
- 2. brew search nodejs
- 3. brew install nodejs
- 4. install angular cli
  - select CSS
- 5. ng new my-deam-app
- 6. cd my-dream-app
- 7. ng s -o

## **VSCode**

- 1. ng s -o (open browser)
- 2. download extension
  - Angular v7 Snippets 7.0.1
  - Material Icon Theme
  - Material Theme
- 3. ng s (start serve)
- 4. create new component
  - ng generate component 'ชื่อ'
- 5. link ใน app.component
- 6. binding lu app.component.ts
- 7. app.module.ts
  - import { FormsModule } from '@angular/forms';
  - imports: [FormsModule]

## Docker

- 1. brew search docker
- 2. brew cask install homebrew/cask/docker
- 3. search official images from docker hub

## **VSCode**

- 1. create file name 'docker-compose.yml'
- 2. paste code from docker hub
- 3. install images in VSCode or Terminal
  - docker-compose up (เปิด)
  - docker-compose down (ปิด)
- 4. install bootstrap
  - npm install bootstrap

<sup>\*</sup> bootstrap grid system