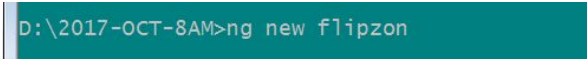# Setting up Angular

NBITS

1. Install angular cli

1. To install "npm install -g @angular/cli"
2. Create a folder in your favourite drive. Open the command prompt in that folder and
   "ng new projectname"
3. The above step will generate the project Structure.
4. Have a look in the package.json file to check which version of angular it is pointing to .
5.
   ```
   D:\2017-OCT-8AM>ng new flipzon
   ```
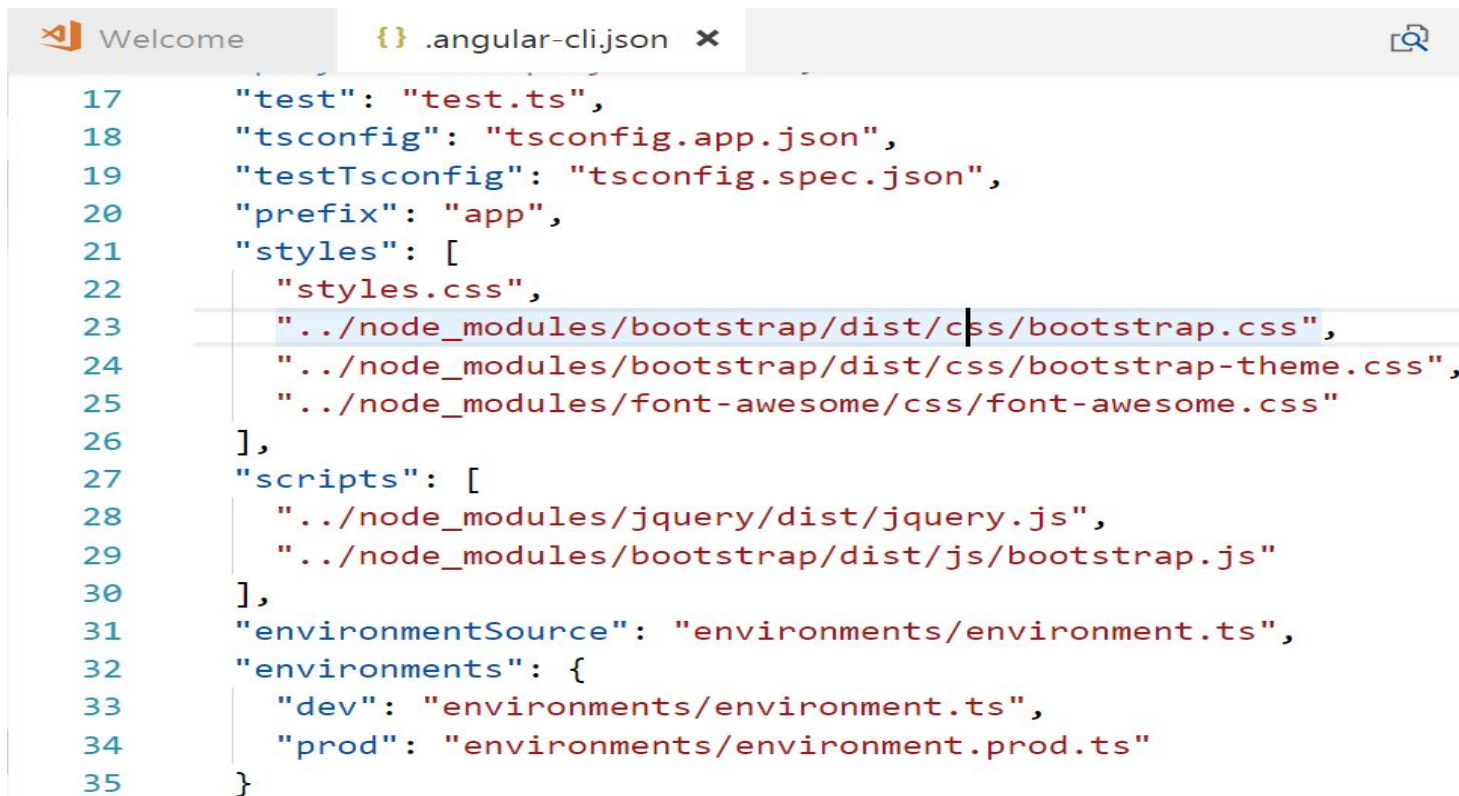
Integrating bootstrap

1. To integrate the bootstrap "npm install --save bootstrap jquery font-awesome"

2.
```
D:\2017-OCT-8AM\flipzon>npm install --save bootstrap jquery font-awesome
```

3. Integrating the bootstrap css with angular-cli.json.

4.

```
"dependencies": {
    "@angular/animations": "^5.0.0"
    "@angular/common": "^5.0.0",
    "@angular/compiler": "^5.0.0",
    "@angular/core": "^5.0.0",
    "@angular/forms": "^5.0.0",
    "@angular/http": "^5.0.0",
    "@angular/platform-browser": "^
    "@angular/platform-browser-dyna
    "@angular/router": "^5.0.0",
    "bootstrap": "^3.3.7",
    "core-js": "^2.4.1",
    "font-awesome": "^4.7.0",
    "jquery": "^3.2.1",
    "rxjs": "^5.5.2",
    "zone.js": "^0.8.14"
},
```

integration

```
        Welcome          {} .angular-cli.json  ✕

17      "test": "test.ts",
18      "tsconfig": "tsconfig.app.json",
19      "testTsconfig": "tsconfig.spec.json",
20      "prefix": "app",
21      "styles": [
22        "styles.css",
23        "../node_modules/bootstrap/dist/css/bootstrap.css",
24        "../node_modules/bootstrap/dist/css/bootstrap-theme.css",
25        "../node_modules/font-awesome/css/font-awesome.css"
26      ],
27      "scripts": [
28        "../node_modules/jquery/dist/jquery.js",
29        "../node_modules/bootstrap/dist/js/bootstrap.js"
30      ],
31      "environmentSource": "environments/environment.ts",
32      "environments": {
33        "dev": "environments/environment.ts",
34        "prod": "environments/environment.prod.ts"
35      }
```
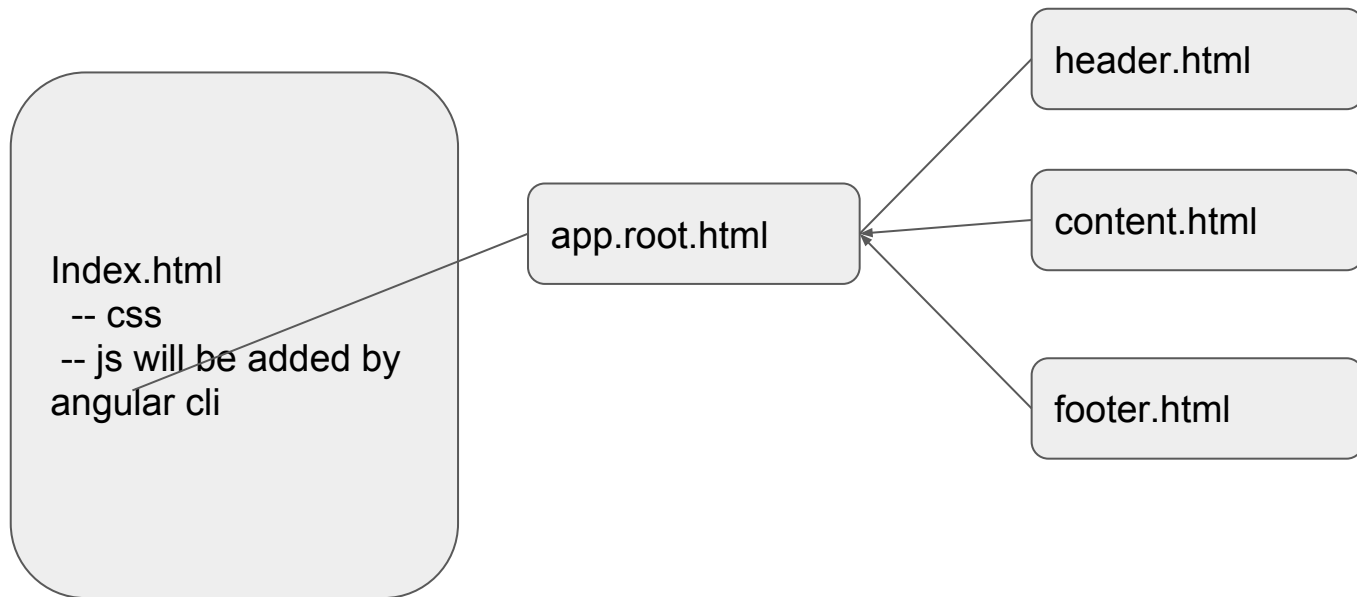
Run the app

```
added 118 packages in 19.471s

D:\2017-OCT-8AM\flipzon>npm start

> flipzon@0.0.0 start D:\2017-OCT-8AM\flipzon
> ng serve
```

Architecture Bird eye view

Index.html is the root html for the entire application.

header.html

content.html

footer.html

app.root.html

Index.html
  -- css
 -- js will be added by
angular cli

Content architecture