Steps to build shopping-list project:

1. create new project

Yans-MacBook-Air:/ Yan$ cd ~/Google\ Drive/Web\ Development\ Learning/Projects/Angular\ Shoppiing\ list\ Recipe\ list

Yans-MacBook-Air:Angular Shoppiing list Recipe list Yan$ ng new shopping-list

Yans-MacBook-Air:shopping-list Yan$ npm install --save bootstrap

2. In .angular-cli.json file, add bottstrap css

"styles": [  
 "../node\_modules/bootstrap/dist/css/bootstrp.min.css",  
 "styles.css"  
]

3. Yans-MacBook-Air:shopping-list Yan$ ng serve

4. Adding an existing project to GitHub using the command line

<https://help.github.com/articles/adding-an-existing-project-to-github-using-the-command-line/>

5. commit updates to Github

Yans-MacBook-Air:shopping-list Yan$ git add .

Yans-MacBook-Air:shopping-list Yan$ git commit -m "try to commit with command line to Github"

Yans-MacBook-Air:shopping-list Yan$ git push origin master

6. Create component

manually create the files

using Angular cli command:

“ng g component shopping-list”

or “ng g c recipes --spec false” (prevent creating spec.ts file)

or “ng g c recipes/recipe-list/recipe-item --spec false” (create inside the recipes/recipe-list folder)

7. AoT (ahead of time) compilation with CLI

ng build –prod –aot

ng serve --prod --aot

8. Deploy the app in AWS

aws.amazon.com

Create bucket, give a unique name,

In properties => enable website hosting

Index Document: index.html, Error Document: index.html. Because route is in Angular, not server, so redirect may cause 404 not found error.

Update policy to Granting Read-Only Permission to an Anonymous User, copy paste the sample policy name and use your own bucket name.

Build the app first, use ‘ng build --prod --aot’. To change the base href, use ‘ng build --prod –aot –base-href /my-app’