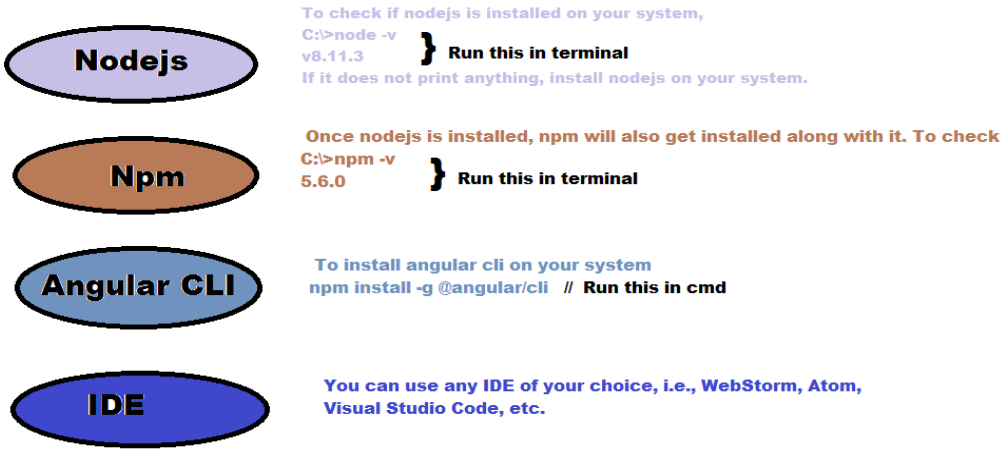
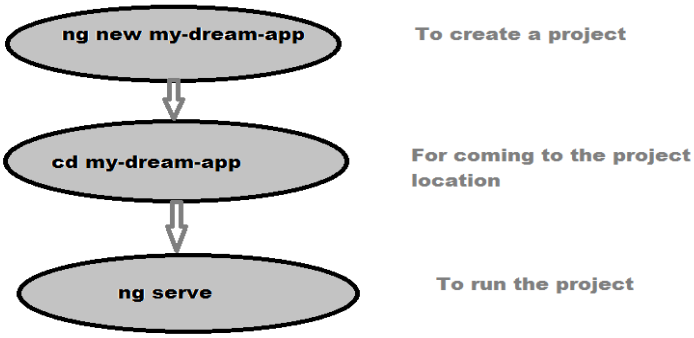
Step 1

Environment Setup required for Angular 6. To install Angular 6, we require the following –

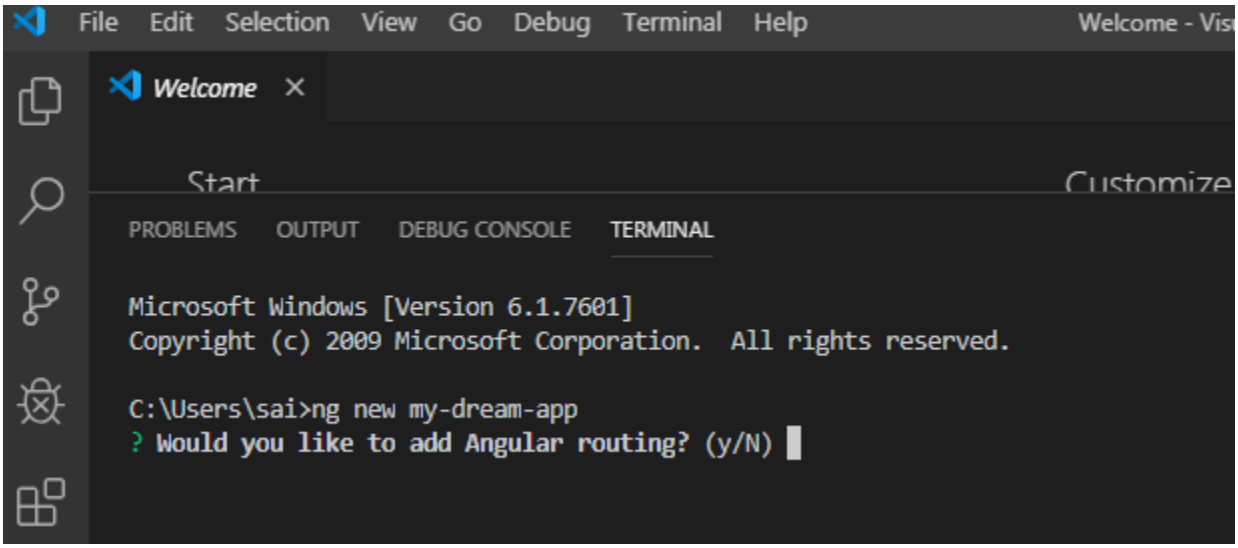


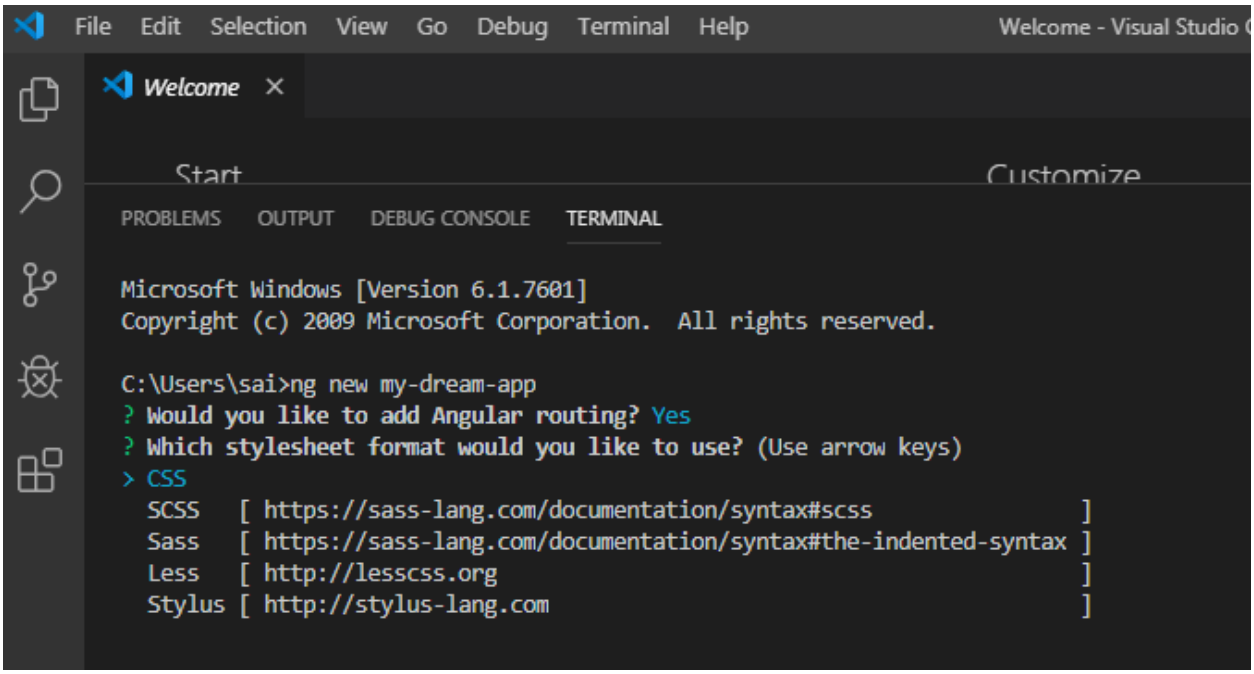
Step 2

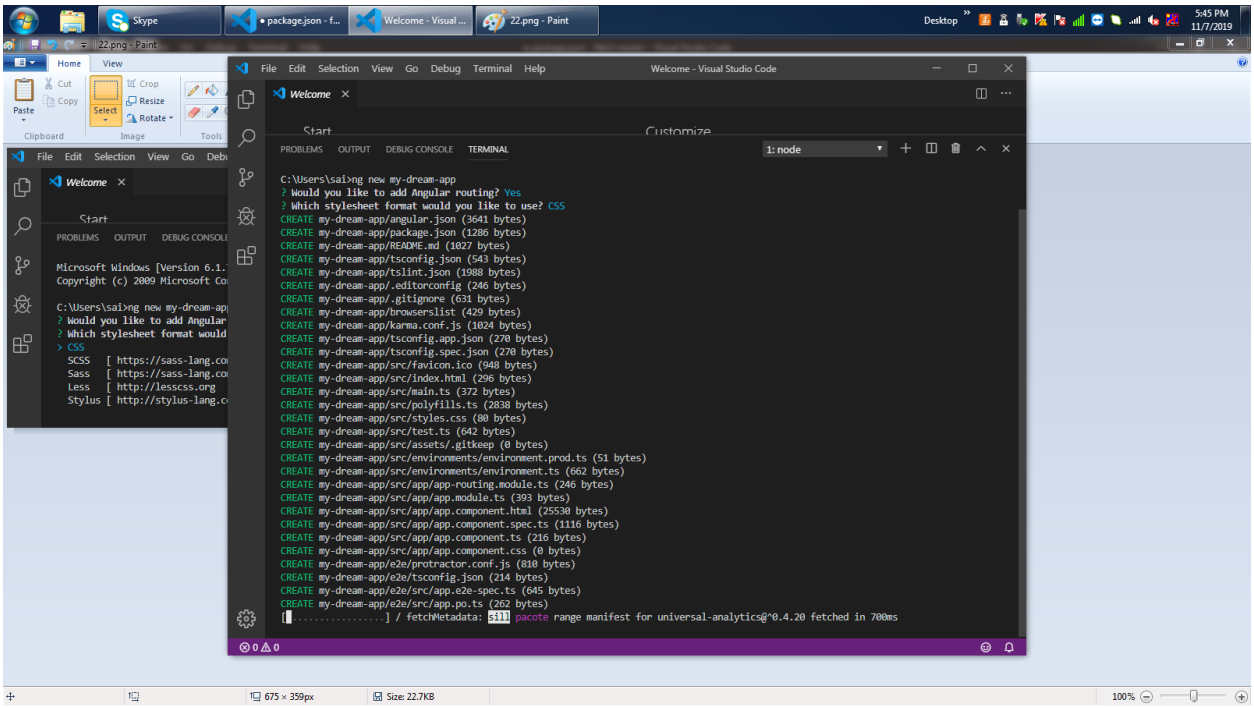
Creating and running an Angular project using visual studio code

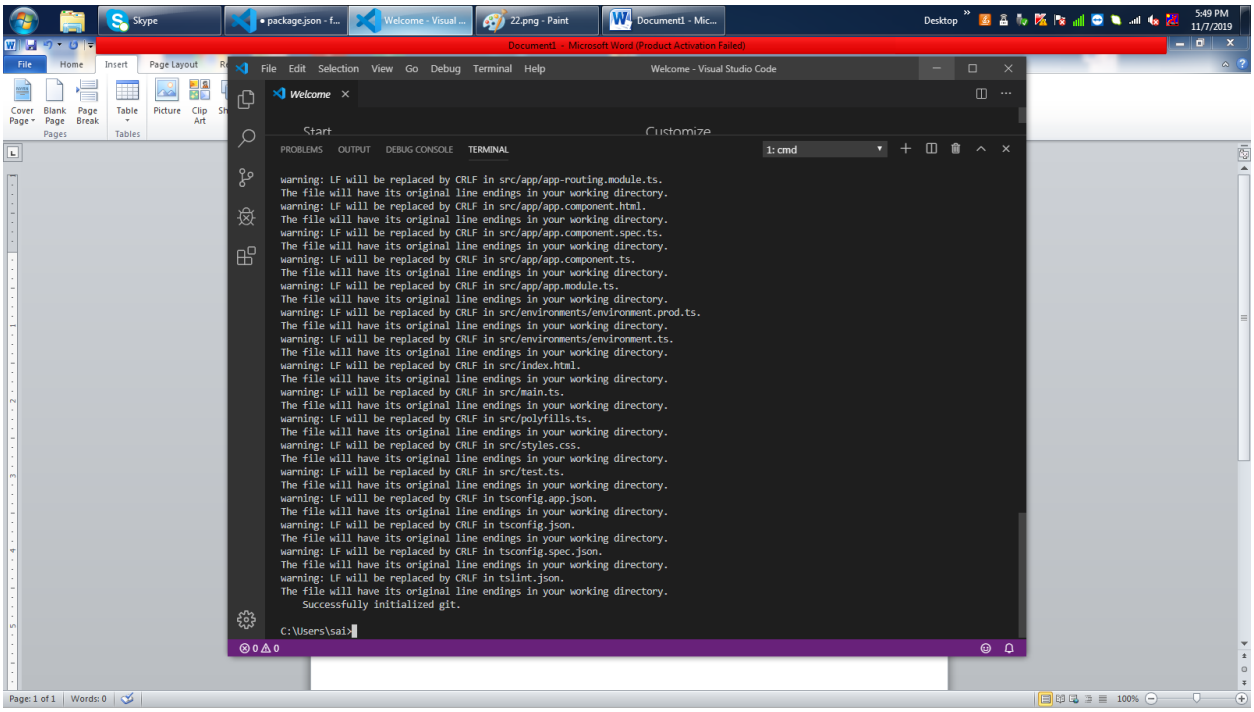


Step:2.1

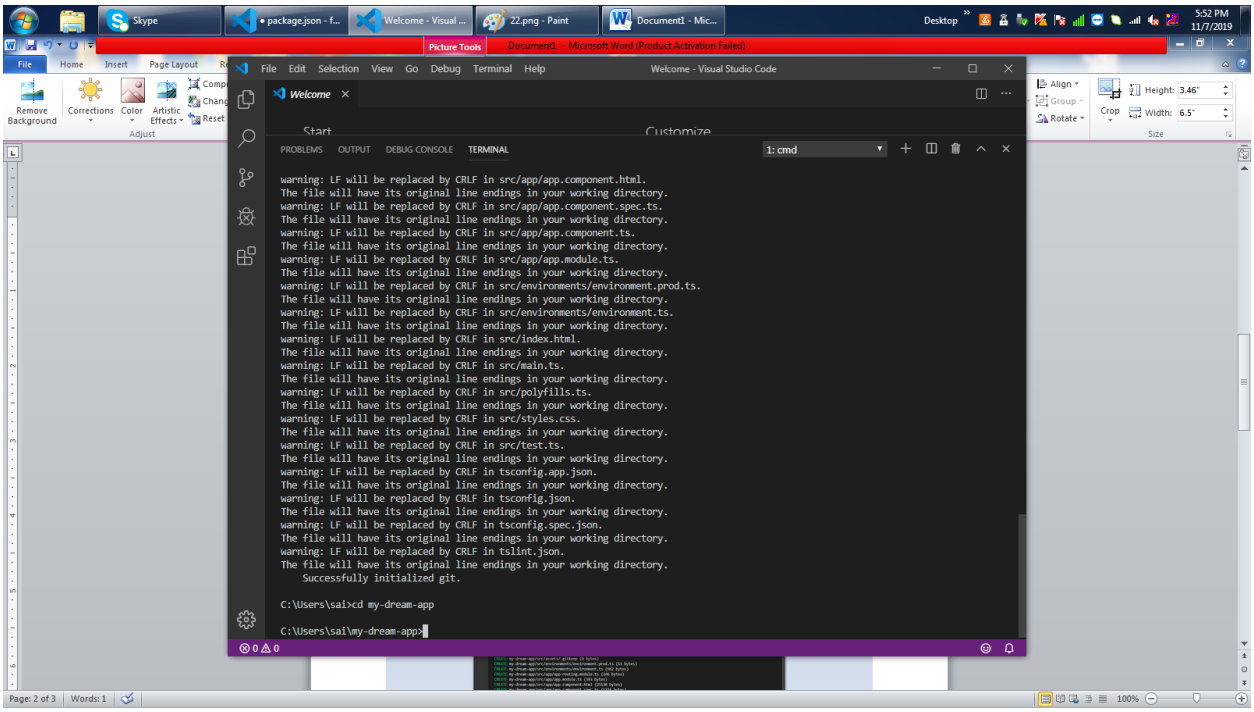

File Edit Selection View Go Debug Terminal Help
Welcome - Vis
Welcome
Start
Customize
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.
C:\Users\sai>ng new my-dream-app
? Would you like to add Angular routing? (y/N)


File Edit Selection View Go Debug Terminal Help
Welcome - Visual Studio
Welcome
Start
Customize
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.
C:\Users\sai>ng new my-dream-app
? Would you like to add Angular routing? Yes
? Which stylesheet format would you like to use? (Use arrow keys)
> CSS
SCSS [https://sass-lang.com/documentation/syntax#scss]
Sass [https://sass-lang.com/documentation/syntax#the-indented-syntax]
Less [http://lesscss.org]
Stylus [http://stylus-lang.com]

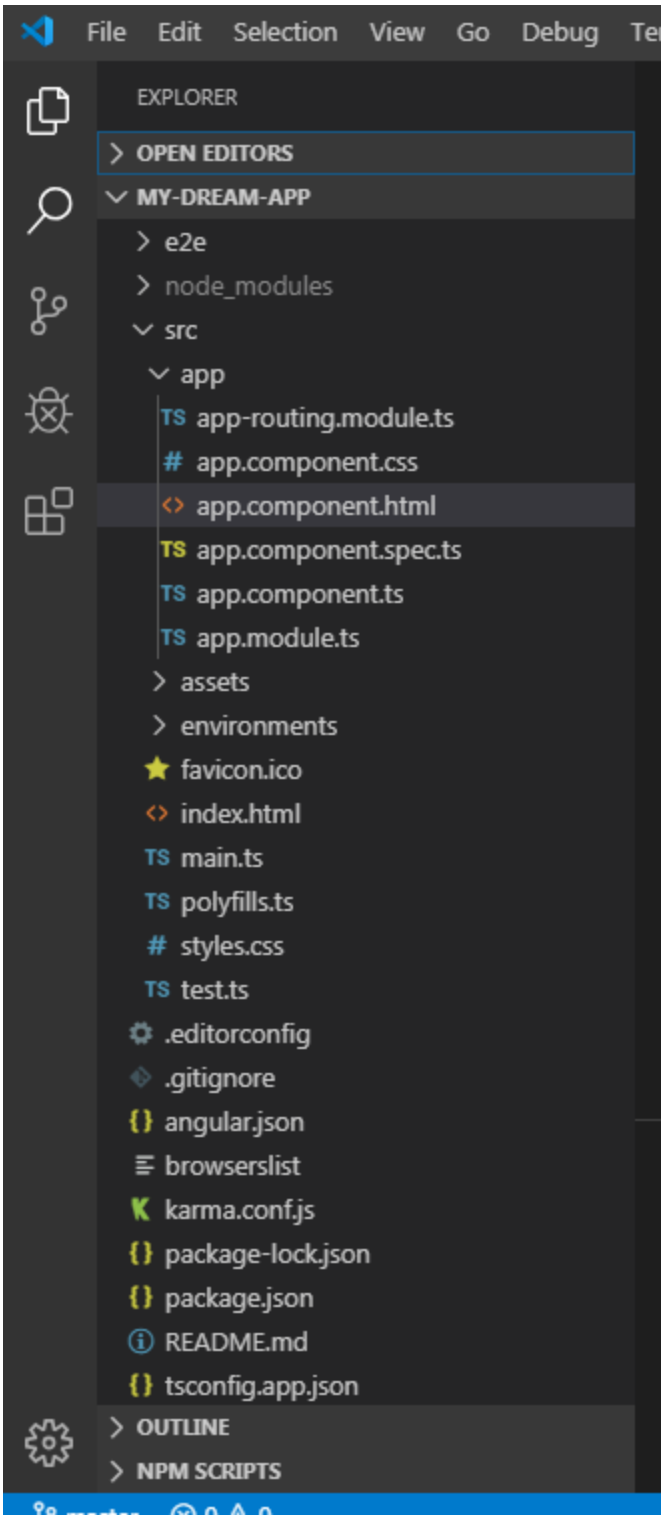

Welcome - Visual Studio Code
Welcome
Start
Customize
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
1: node
C:\Users\sai>ng new my-dream-app
? Would you like to add Angular routing? Yes
? Which stylesheet format would you like to use? CSS
CREATE my-dream-app/angular.json (3641 bytes)
CREATE my-dream-app/package.json (1286 bytes)
CREATE my-dream-app/README.md (1027 bytes)
CREATE my-dream-app/tsconfig.json (543 bytes)
CREATE my-dream-app/tslint.json (1988 bytes)
CREATE my-dream-app/.editorconfig (246 bytes)
CREATE my-dream-app/.gitignore (631 bytes)
CREATE my-dream-app/browserslist (429 bytes)
CREATE my-dream-app/karma.conf.js (1024 bytes)
CREATE my-dream-app/tsconfig.app.json (270 bytes)
CREATE my-dream-app/tsconfig.spec.json (270 bytes)
CREATE my-dream-app/src/favicon.ico (948 bytes)
CREATE my-dream-app/src/index.html (296 bytes)
CREATE my-dream-app/src/main.ts (372 bytes)
CREATE my-dream-app/src/polyfills.ts (2838 bytes)
CREATE my-dream-app/src/styles.css (80 bytes)
CREATE my-dream-app/src/test.ts (642 bytes)
CREATE my-dream-app/src/assets/.gitkeep (0 bytes)
CREATE my-dream-app/src/environments/environment.prod.ts (51 bytes)
CREATE my-dream-app/src/environments/environment.ts (662 bytes)
CREATE my-dream-app/src/app/app-routing.module.ts (246 bytes)
CREATE my-dream-app/src/app/app.module.ts (393 bytes)
CREATE my-dream-app/src/app/app.component.html (25530 bytes)
CREATE my-dream-app/src/app/app.component.spec.ts (1116 bytes)
CREATE my-dream-app/src/app/app.component.ts (216 bytes)
CREATE my-dream-app/src/app/app.component.css (0 bytes)
CREATE my-dream-app/e2e/protractor.conf.js (810 bytes)
CREATE my-dream-app/e2e/tsconfig.json (214 bytes)
CREATE my-dream-app/e2e/src/app.e2e-spec.ts (645 bytes)
CREATE my-dream-app/e2e/src/app.po.ts (262 bytes)
[..................] / fetchMetadata: sill pacote range manifest for universal-analytics@^0.4.20 fetched in 700ms


Document1 - Microsoft Word (Product Activation Failed)
Welcome - Visual Studio Code
Welcome
Start
Customize
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
1: cmd
warning: LF will be replaced by CRLF in src/app/app-routing.module.ts.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/app/app.component.html.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/app/app.component.spec.ts.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/app/app.component.ts.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/app/app.module.ts.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/environments/environment.prod.ts.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/environments/environment.ts.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/index.html.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/main.ts.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/polyfills.ts.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/styles.css.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/test.ts.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in tsconfig.app.json.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in tsconfig.json.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in tsconfig.spec.json.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in tslint.json.
The file will have its original line endings in your working directory.
Successfully initialized git.
C:\Users\sai>

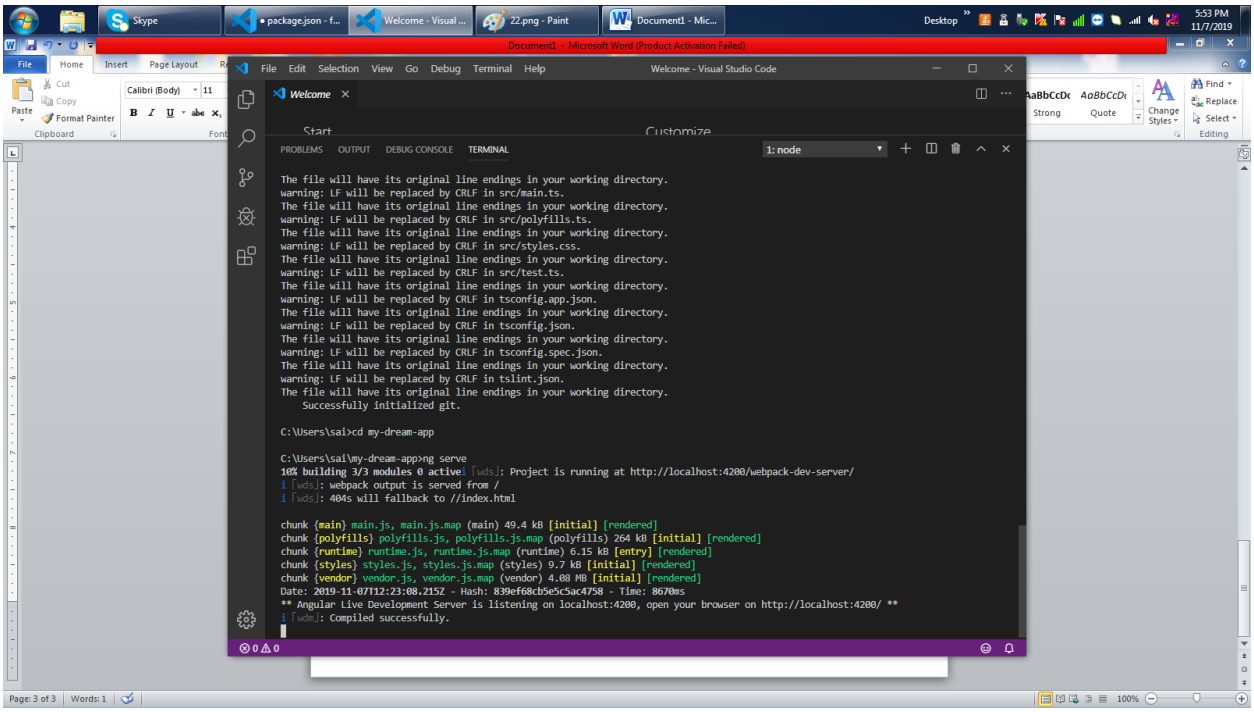
Step:2.2



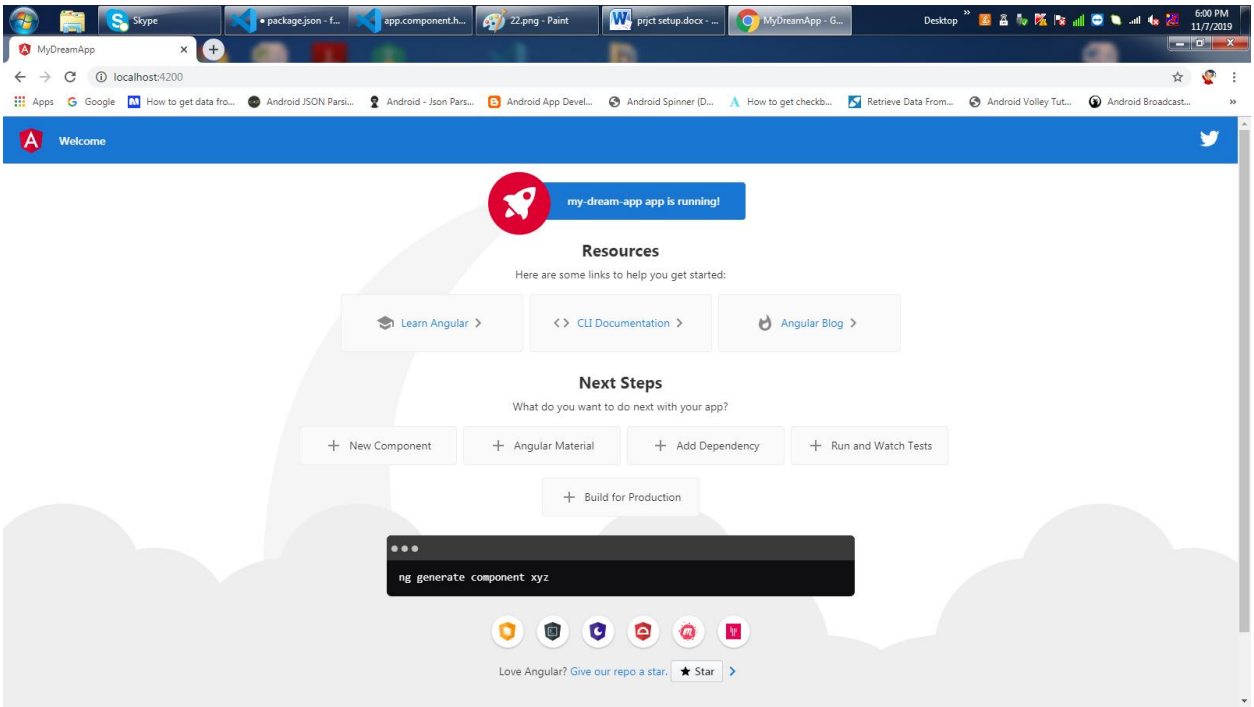
The below files get generated automatically


File
Edit
Selection
View
Go
Debug
EXPLORER
OPEN EDITORS
MY-DREAM-APP
e2e
node_modules
src
app
app-routing.module.ts
app.component.css
app.component.html
app.component.spec.ts
app.component.ts
app.module.ts
assets
environments
favicon.ico
index.html
main.ts
polyfills.ts
styles.css
test.ts
.editorconfig
.gitignore
angular.json
browserslist
karma.conf.js
package-lock.json
package.json
README.md
tsconfig.app.json
OUTLINE
NPM SCRIPTS

Step:2.3



Step 4: open chrome and type localhost:4200 to see the output



Step 3

Basic commands used in Angular

npm install	**// To install node modules**
ng g c < component name >	**// To create a component**
ng g s <service name>	**// To create a service**