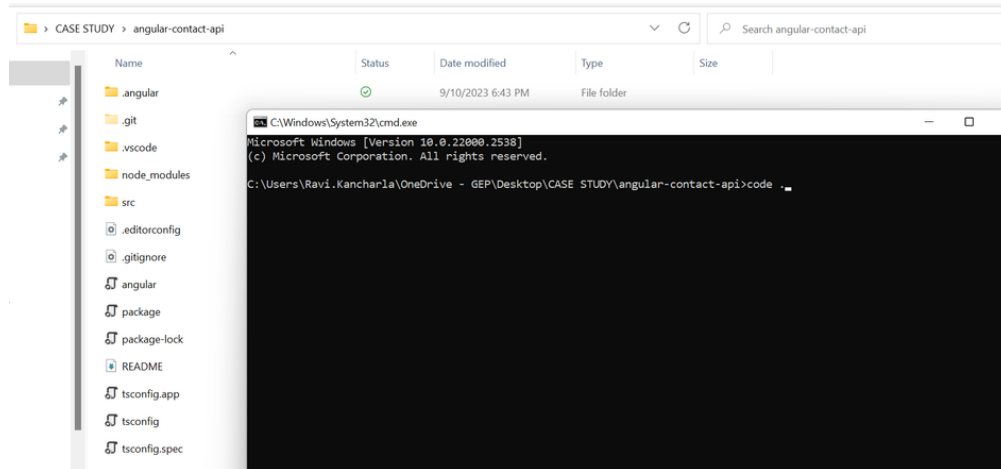
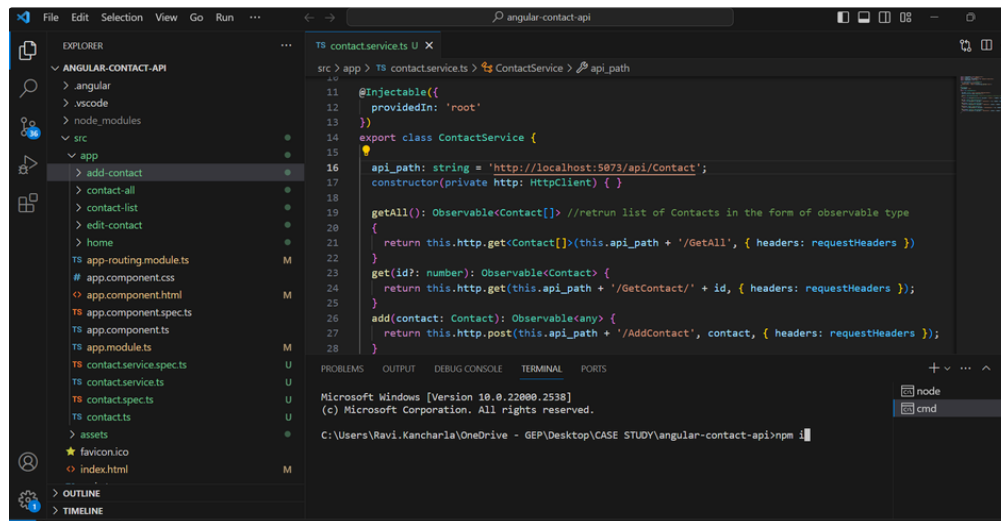


Angular VS Code

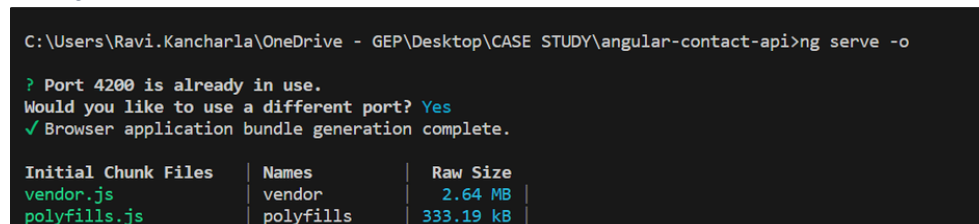
- Open this folder in VS Code



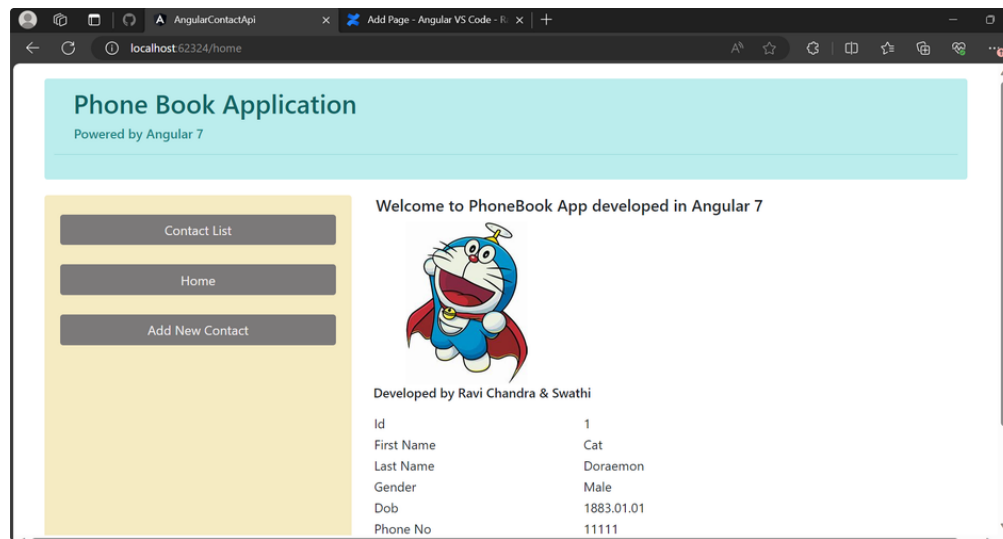
- Install Node Modules (npm i)



- Run "ng serve -o"

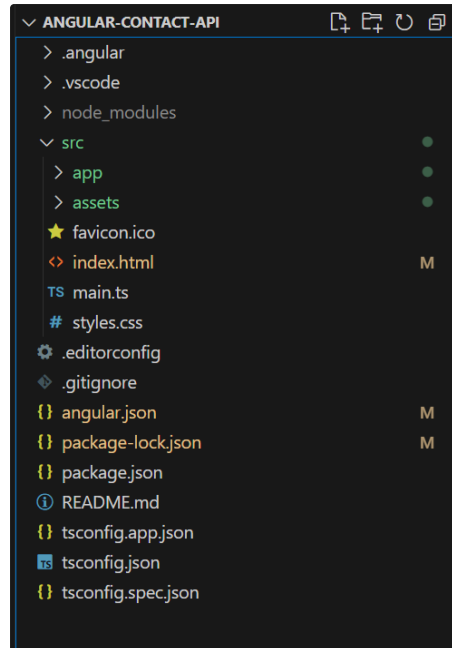


- Now add "/home" to local host link to see this output.

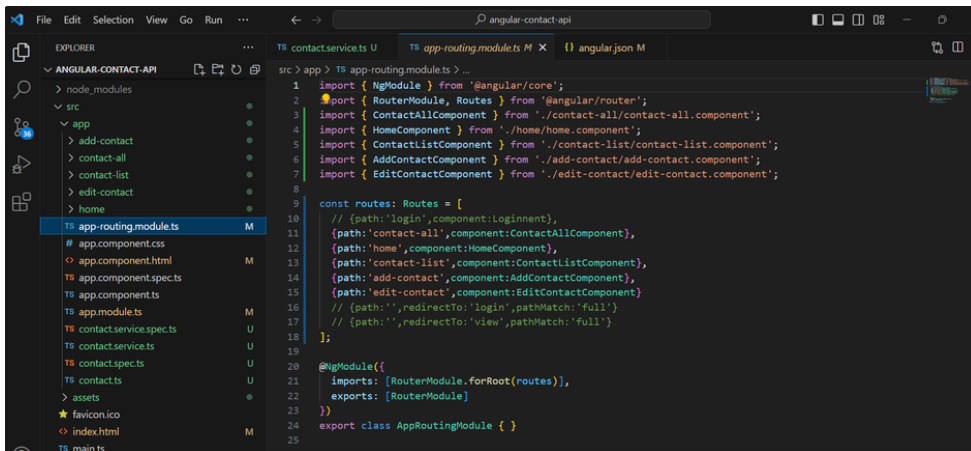


Understanding this Code:

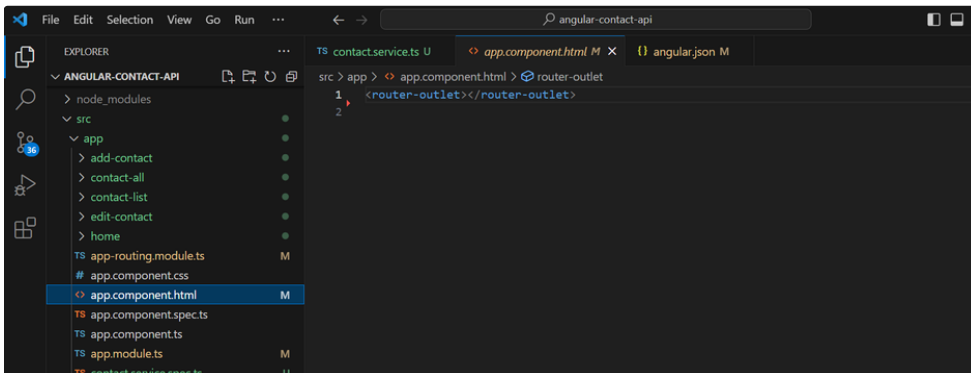
- All default files which you see here.



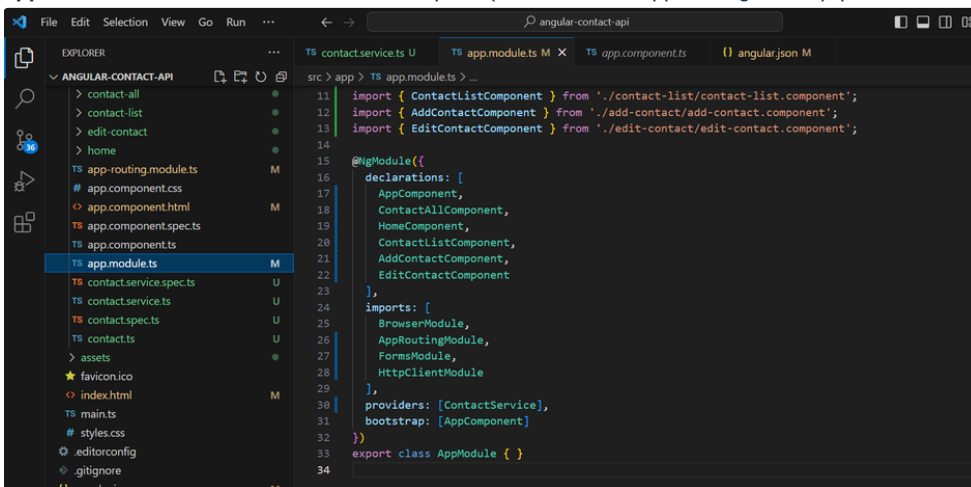
- Only 3 files/folders are important here - App + Assests (to add images) + index.html (to add bootstrapper)
- App folder contains
 - **Class** (contact)
 - **Components** (add-contact, contact-all, contact-list, delete-contact, home)
 - **Service** (contact.service)
 - And some other files (all 6 are important here)
- Understanding Other files in App Folder
 - **app-routing.module.ts** - Add the paths for all the components.



- app.component.css - No changes
- app.component.html - Add this tag



- app.component.spec.ts - No Changes
- app.component.ts - No Changes
- app.modules.ts - Check the declarations, imports (FormsModule, AppRoutingModule), providers.

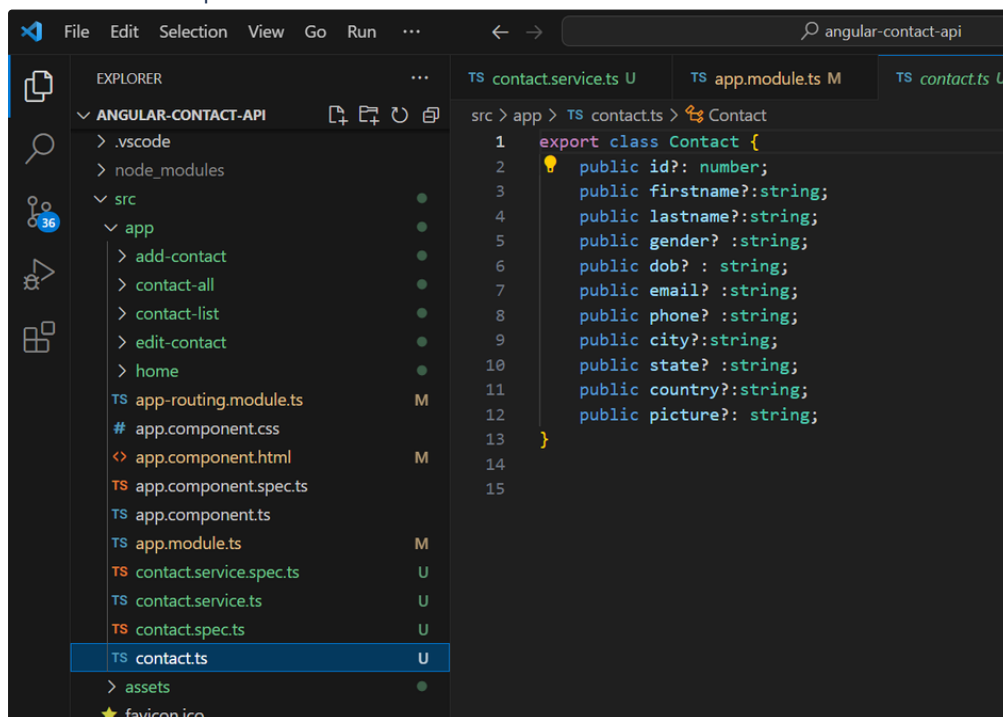


COMPONENT Files

- Consider any component page. It has 4 files
 - 1) add-contact.component.css - No change (You can add all css configurations here)
 - 2) add-contact.component.html - **Main HTML code files for Front End UI**
 - 3) add-contact.component.spec.ts - No change
 - 4) add-contact.component.ts - **Route Change & Function Calls for Buttons.**

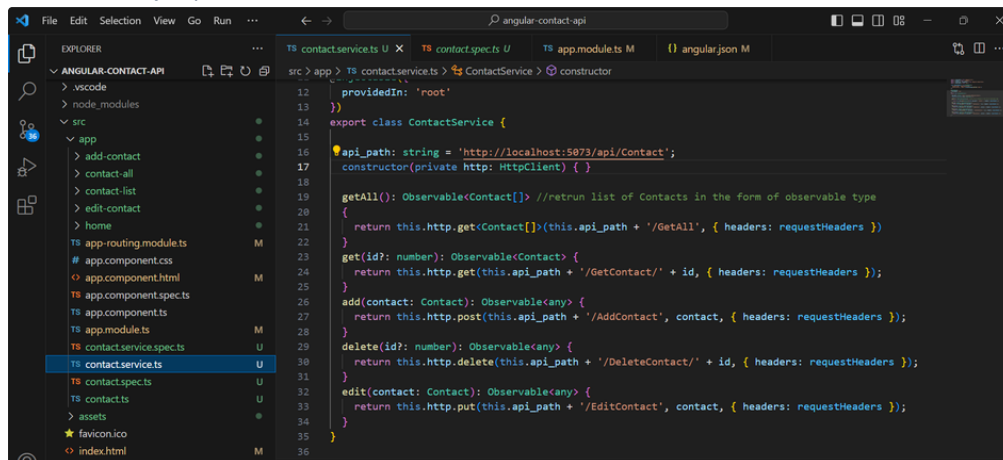
CLASS Files

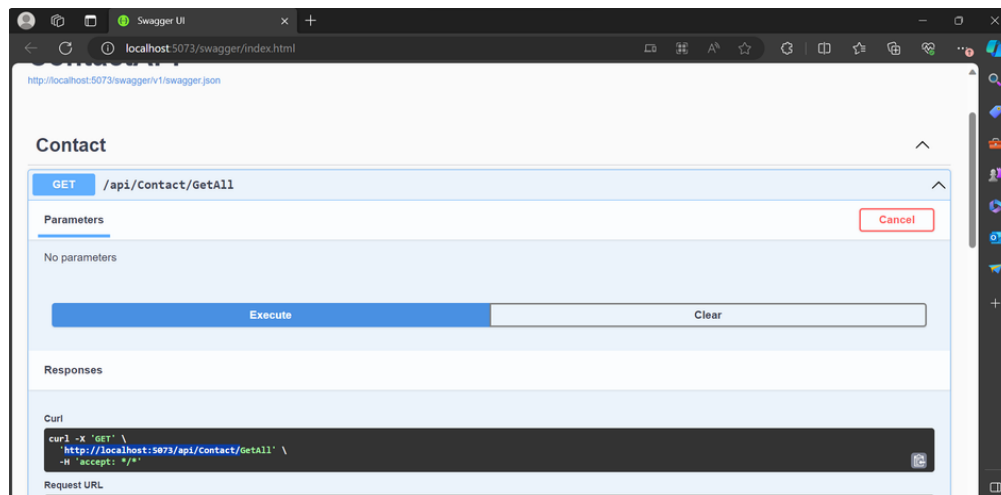
- .spec file - No changes
- .ts file - Just add simple attributes



SERVICE Files

- .spec.ts file - No changes
- .ts file - The only important file which connects this Front End UI to Backend APIs. You need to add the link from Swagger here.





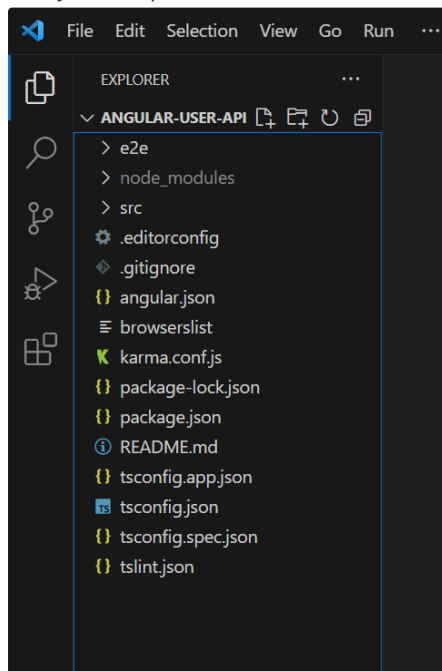
Generally to create a new Angular project run:

- Open cmd prompt in specific folder & run

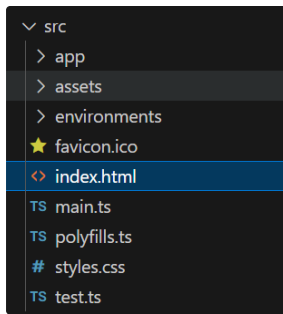
```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.22000.2538]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Ravi.Kancharla\OneDrive - GEP\Desktop\CASE STUDY>ng new angular-user-api
? Would you like to add Angular routing? No
? Which stylesheet format would you like to use? CSS
CREATE angular-user-api/angular.json (3479 bytes)
CREATE angular-user-api/package.json (1290 bytes)
CREATE angular-user-api/README.md (1032 bytes)
CREATE angular-user-api/tsconfig.json (438 bytes)
CREATE angular-user-api/tslint.json (1985 bytes)
CREATE angular-user-api/.editorconfig (246 bytes)
CREATE angular-user-api/.gitignore (629 bytes)
```

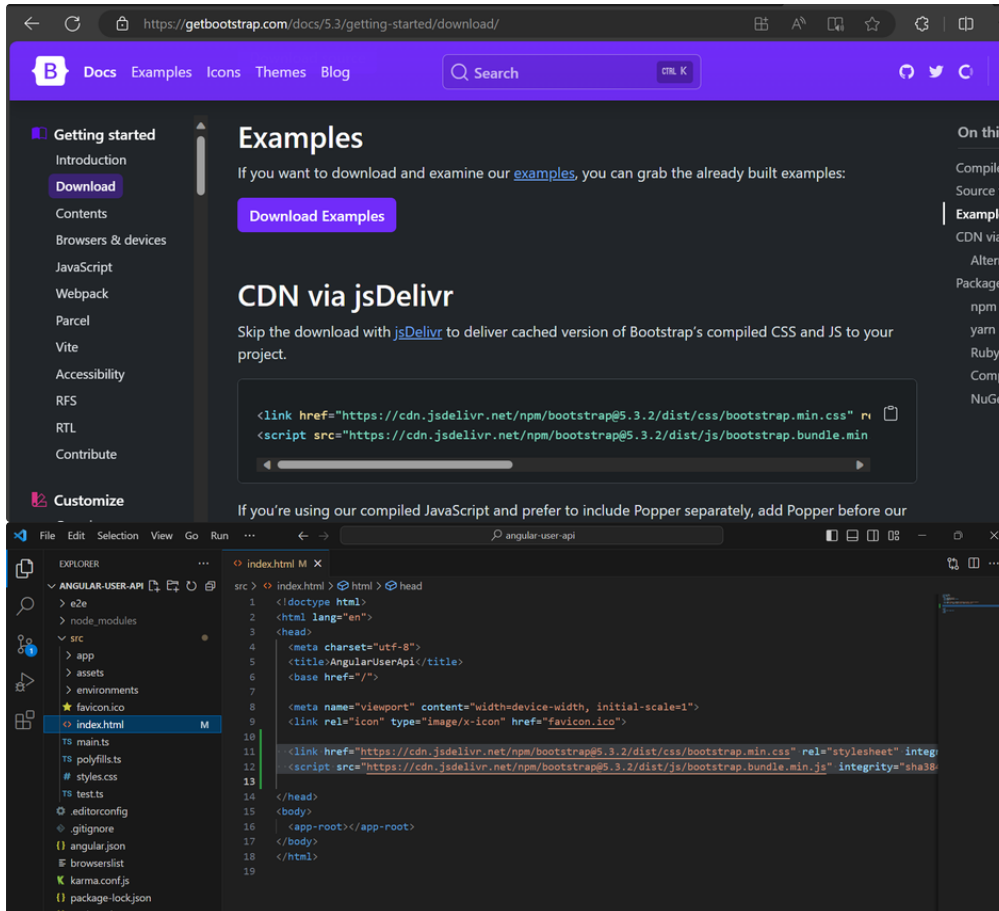
- Now you can open this new folder in VS code



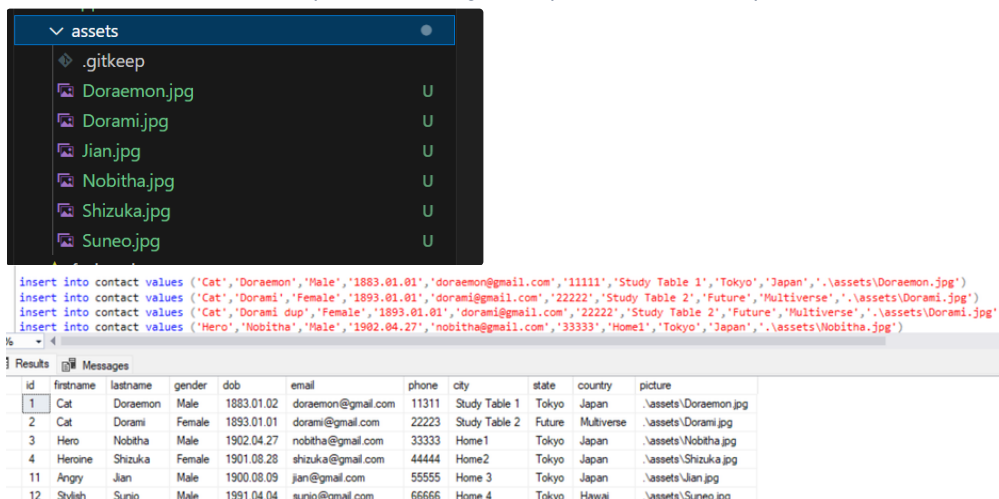
- Only src is important for us.



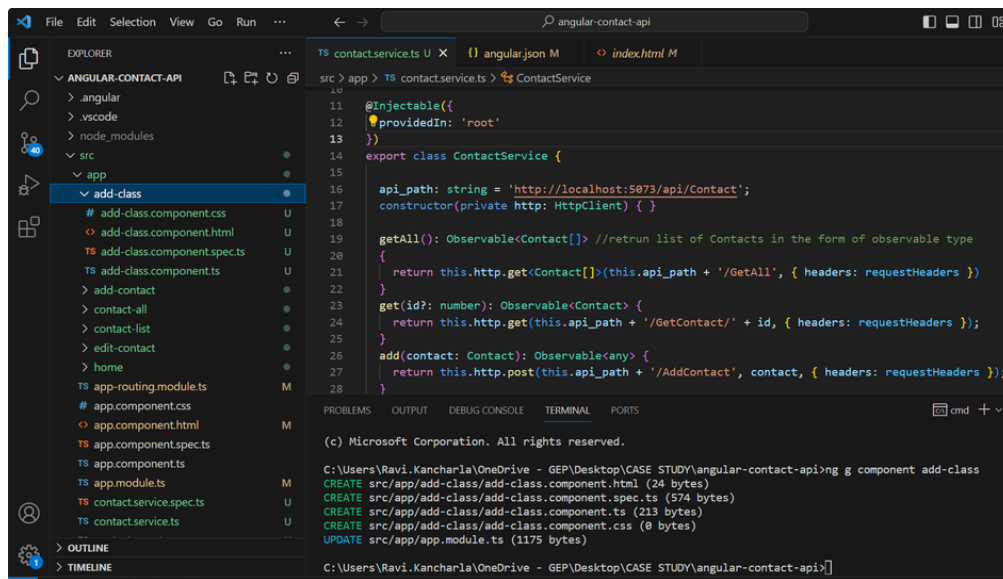
- In index.html - Add 2 lines here to apply Bootstrap



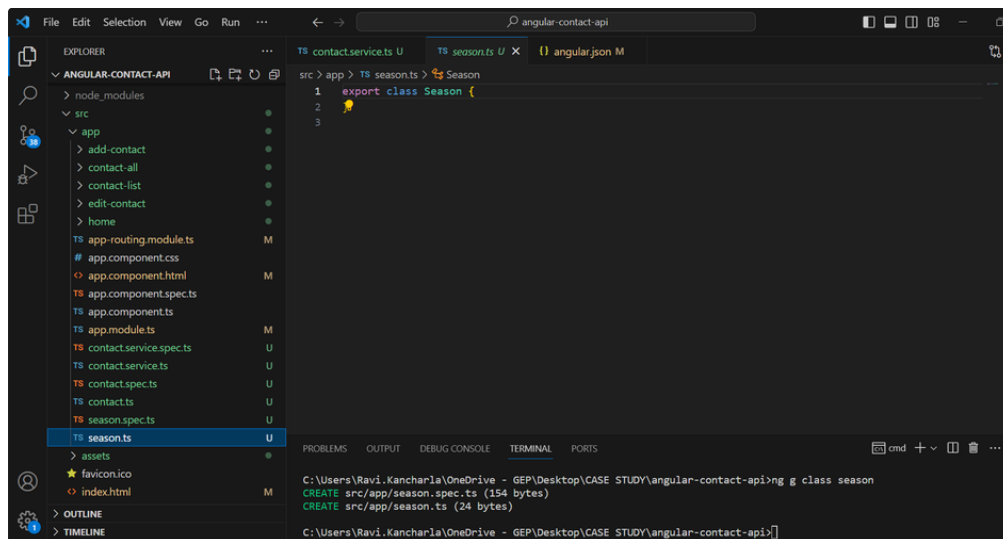
- In Assets, we can download the photos and this give this particular location as picture name in Database



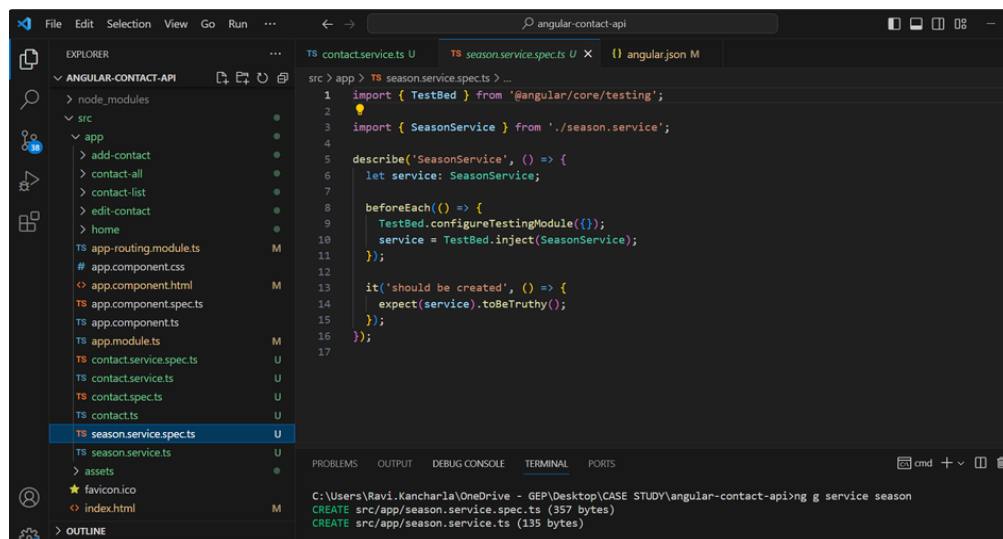
- App folder has few files.
- Component can be created with this command. (top folders with 4 files each-html+css+ts+spec.ts)



- Class can be created with this command



- Service can be created with this command



- To get default output run npm i, ng serve -o

Microsoft Windows [Version 10.0.22000.2538]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Swathi.Nakka\OneDrive - GEP\Desktop\Case Study\angular-user-api>npm i

up to date, audited 1011 packages in 2s

117 packages are looking for funding
run `npm fund` for details

C:\Users\Swathi.Nakka\OneDrive - GEP\Desktop\Case Study\angular-user-api>ng serve -o
? Would you like to share pseudonymous usage data about this project with the Angular Team at Google under Google's Privacy Policy at <https://policies.google.com/privacy>. For more details and how to change this setting, see <https://angular.io/analytics>. **Yes**
Thank you for sharing pseudonymous usage data. Should you change your mind, the following command will disable this feature entirely:

ng analytics disable

Global setting: enabled
Local setting: enabled
Effective status: enabled
? Port 4200 is already in use.
Would you like to use a different port? **Yes**
✓ Browser application bundle generation complete.

Initial Chunk Files	Names	Raw Size
vendor.js	vendor	2.84 MB
polyfills.js	polyfills	333.12 kB
styles.css, styles.js	styles	230.46 kB
main.js	main	46.62 kB

