Module 4 – Angular Services and Dependency Injection

Demo Document 1 – Create weather service and use dependency injection to inject into component.

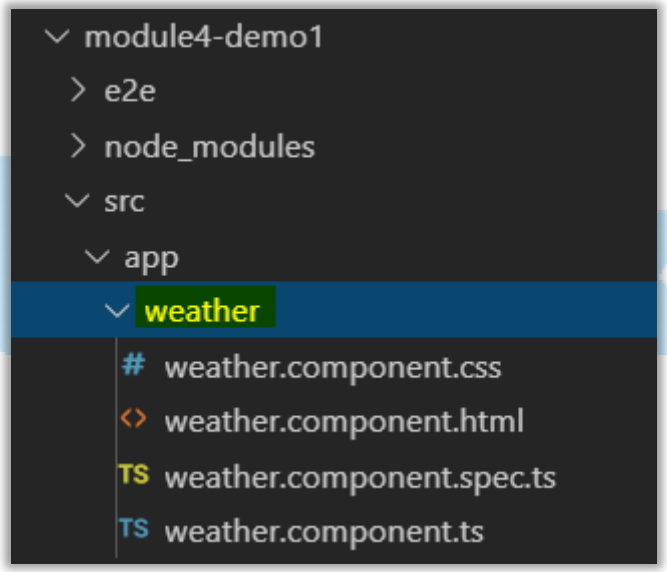
In this demo, we will see how create custom service to display weather data and inject it into the component

Step 1 – Open visual studio code, create new app by using command 'ng new module4-demo1'

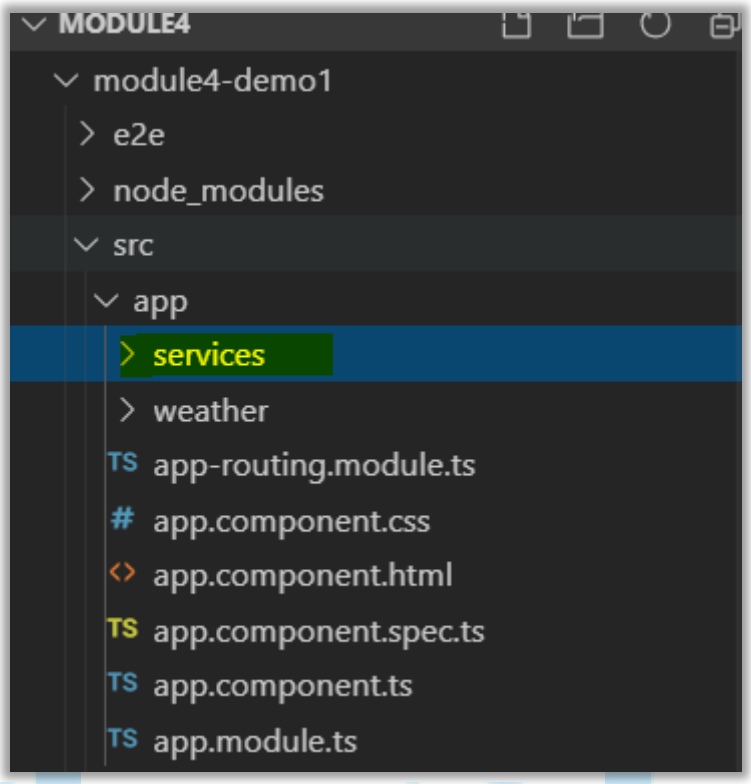
```
PS D:\Work\TapChief\Edureka\Angular8Demo\Module4> ng new module4-demo1
```

Step 2 – Navigate to module4-demo1/src/app and create weather component using command 'ng g c weather'

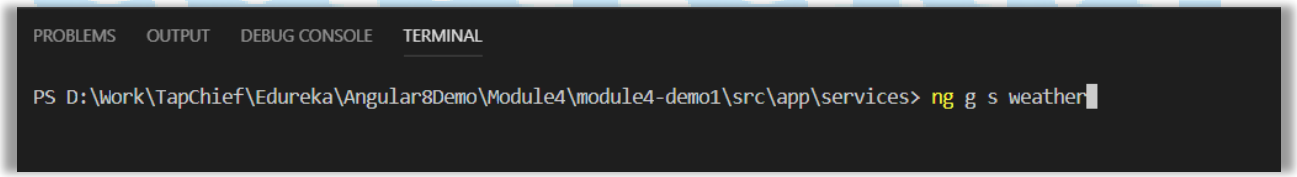
```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

PS D:\Work\TapChief\Edureka\Angular8Demo\Module4\module4-demo1\src\app> ng g c weather
```



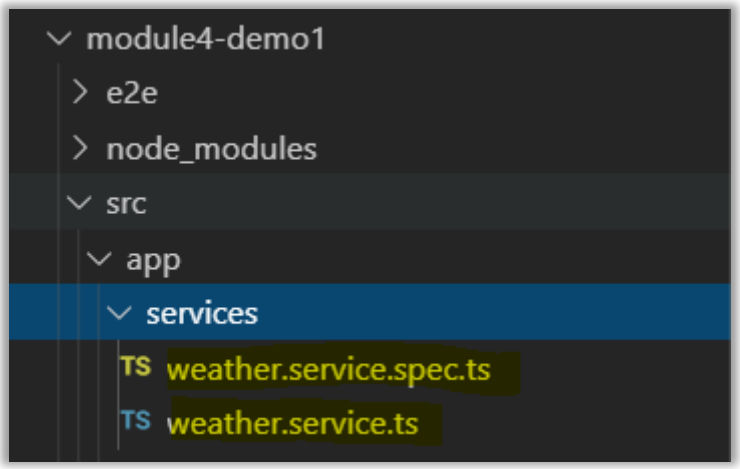
Step 3 – Create services folder under module4-demo1/src/app as shown below



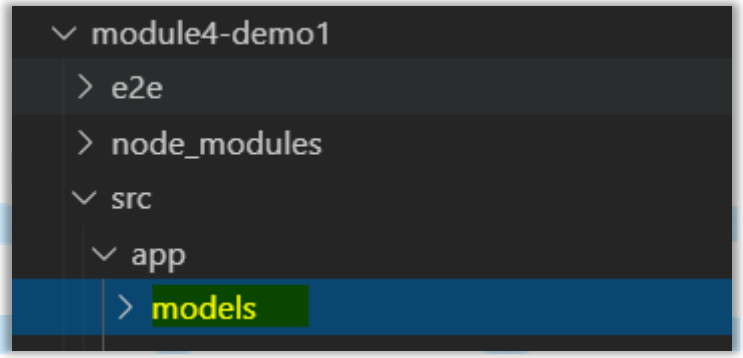
Step 4 – Navigate to services folder and create weather service using command 'ng g s weather' .



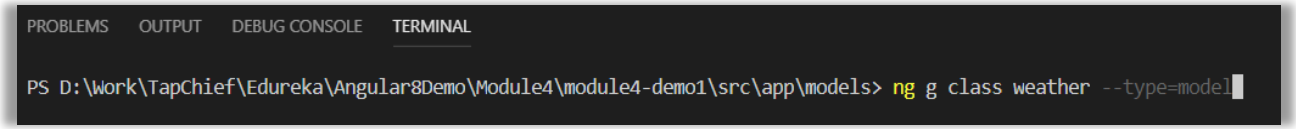
Step 5 – It will create weather service as shown below

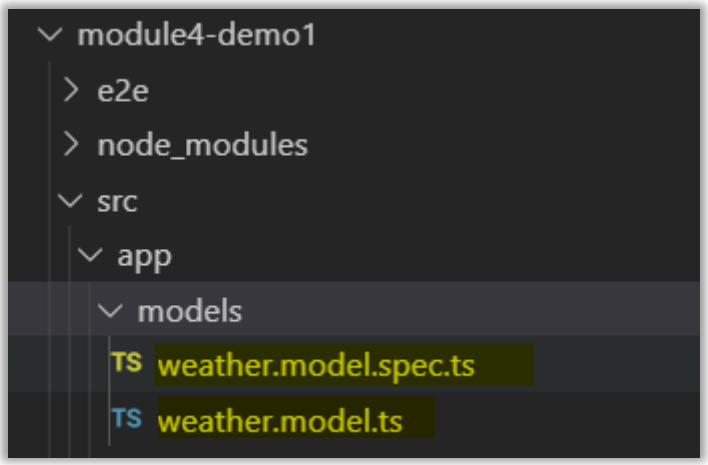


Step 6 – Create a models folder for weather model

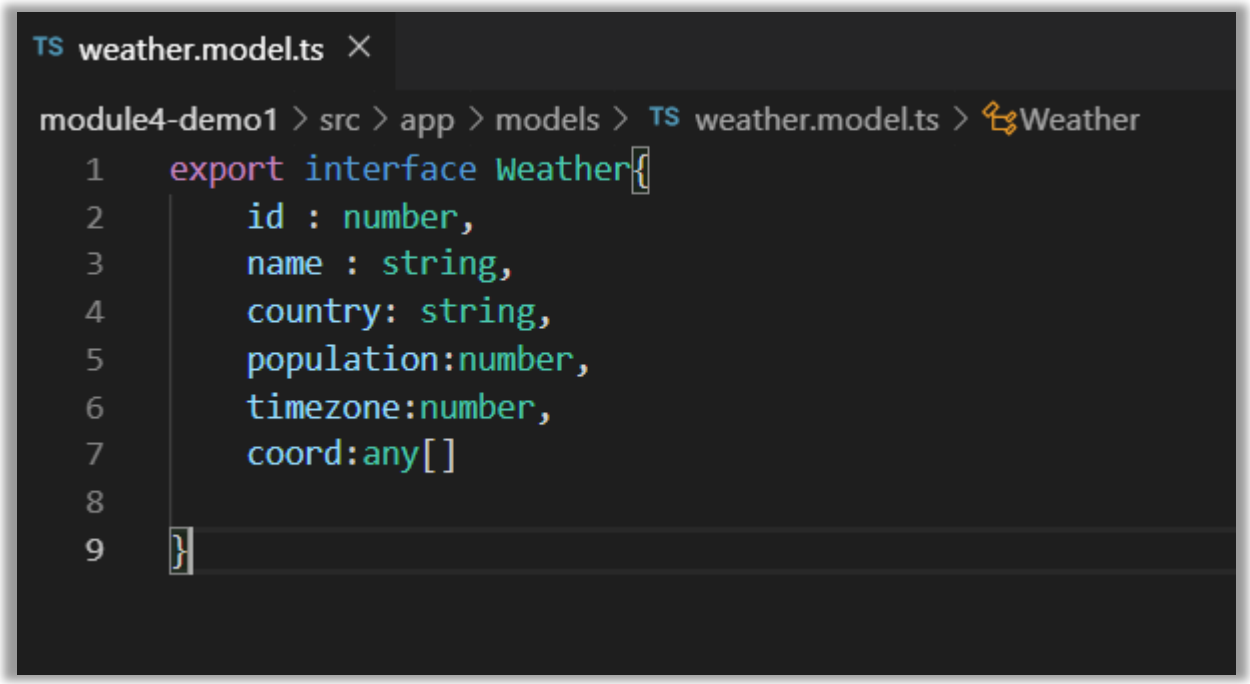


Step 7 – Create weather model using command 'ng g class type=model'.



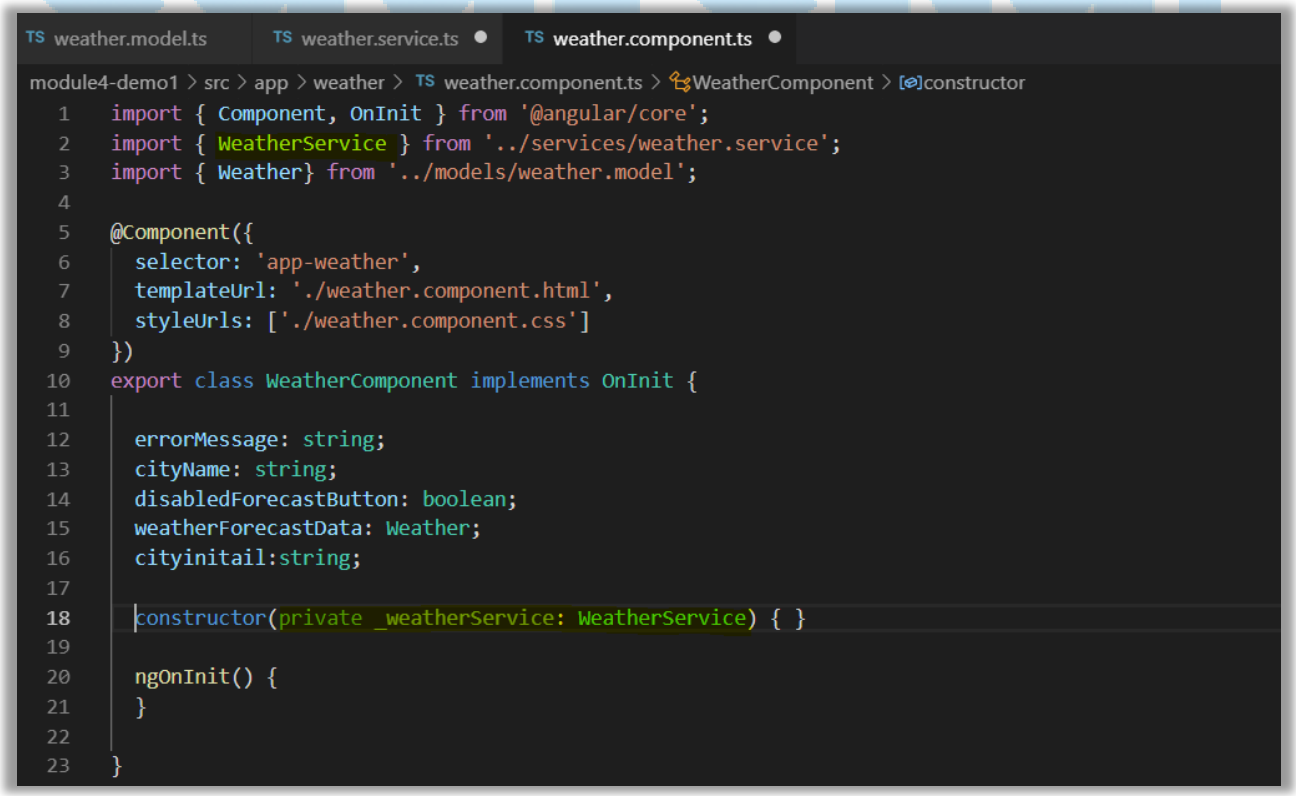


Step 8 – Add below code to weather.model.ts.



Step 9 – Now we will inject our newly created weather service into the component.

Open weather.component.ts and Inject weather service via constructor as below.



Step 10 – Run app using ng serve

We have not used any HttpClient or observables to fetch data nothing will be shown on screen.

In next Demo we will see how to use Observables and HTTP client to fetch data from service