ANGULAR 2
Desarrollo de diapositivas/PWEB2
Diego Aristides Cervantes Apaza CUI:20213037

Desarrollo:

DIAPOSITIVA 4: Haciendo DataBinding con datos del formulario

app.component.html
```
<router-outlet></router-outlet>

<div>
  <form>
    <input type="text" name="name" [(ngModel)]="name" />
    <input type="number" name="age" [(ngModel)]="age" />
  </form>

  <h2><strong>Name:</strong> {{ name }}</h2>
  <h2><strong>Age:</strong> {{ age }}</h2>
</div>
```

app.component.ts
```
import { Component } from '@angular/core';
import { FormsModule } from '@angular/forms';
import { RouterModule } from '@angular/router';

@Component({
  selector: 'app-root',
  standalone: true,
  imports: [FormsModule, RouterModule],
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  name: string = 'Diego Cervantes';
  age: number = 24;
}
```

Diego Cervantes | 39

Name: Diego Cervantes

Age: 39

Diego Cervantes | 33

Name: Diego Cervantes

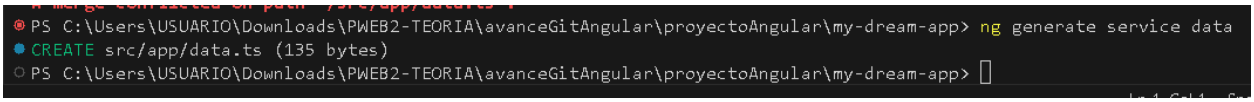
Age: 33

Ejecutando el manejo de databinding y jugando con las edades en ejecución, usando standalone components, evitando problemas con las versiones antiguas de angular.

DIAPOSITIVA 6:

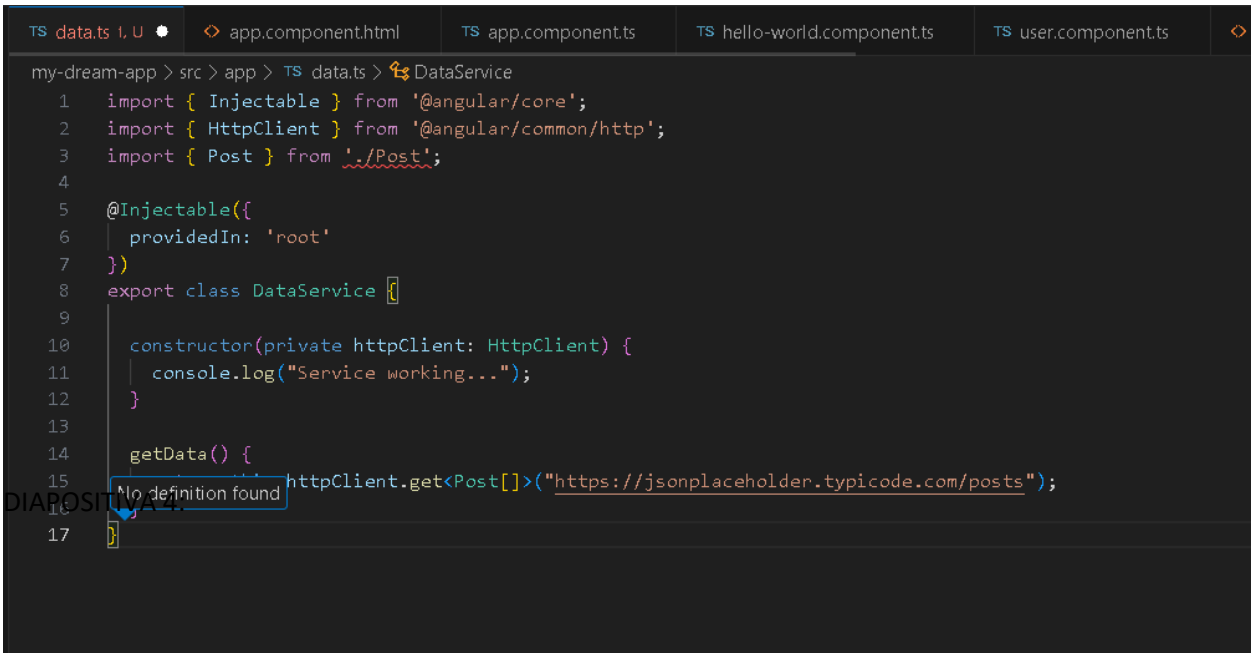
Usando web de JsonPlaceHolder como backend para Angular.

DIAPOSITIVA 8:



Creando servicios “data” en angular más recientes.

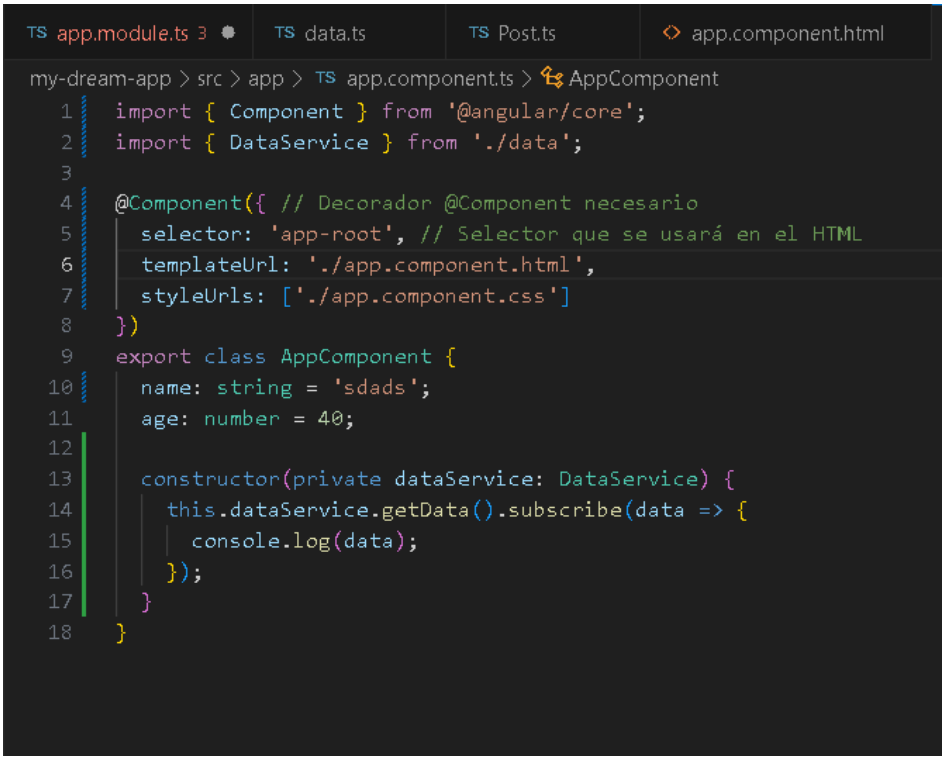
DIAPOSITIVA 9:

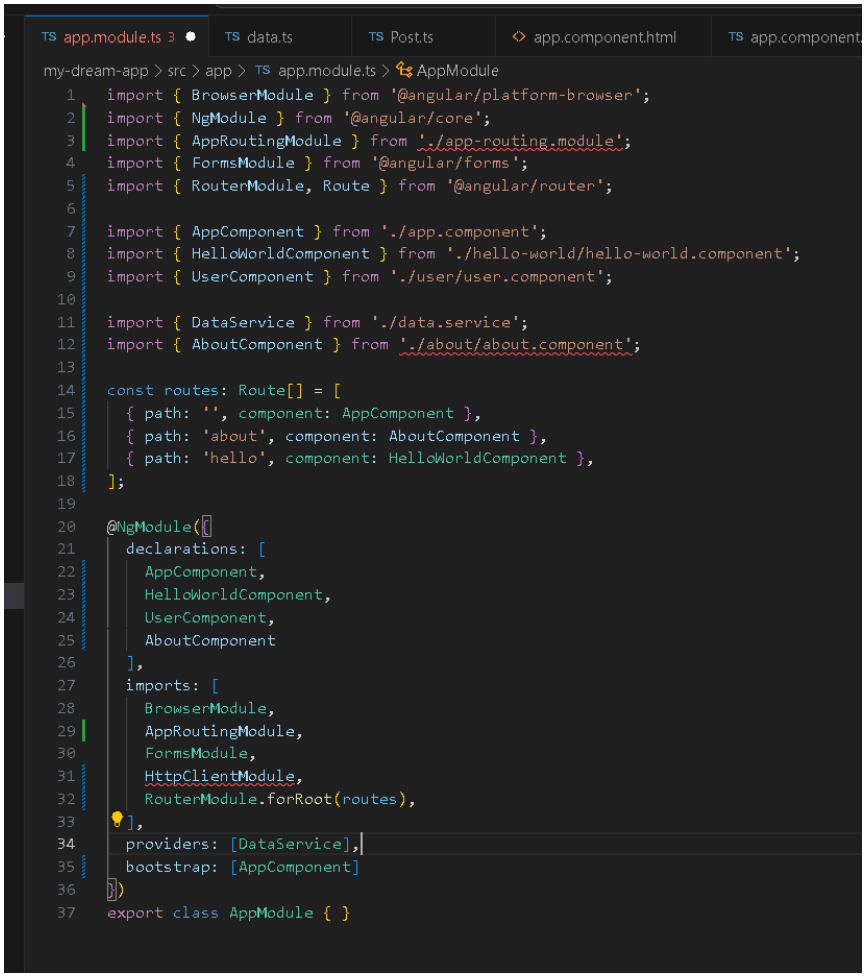


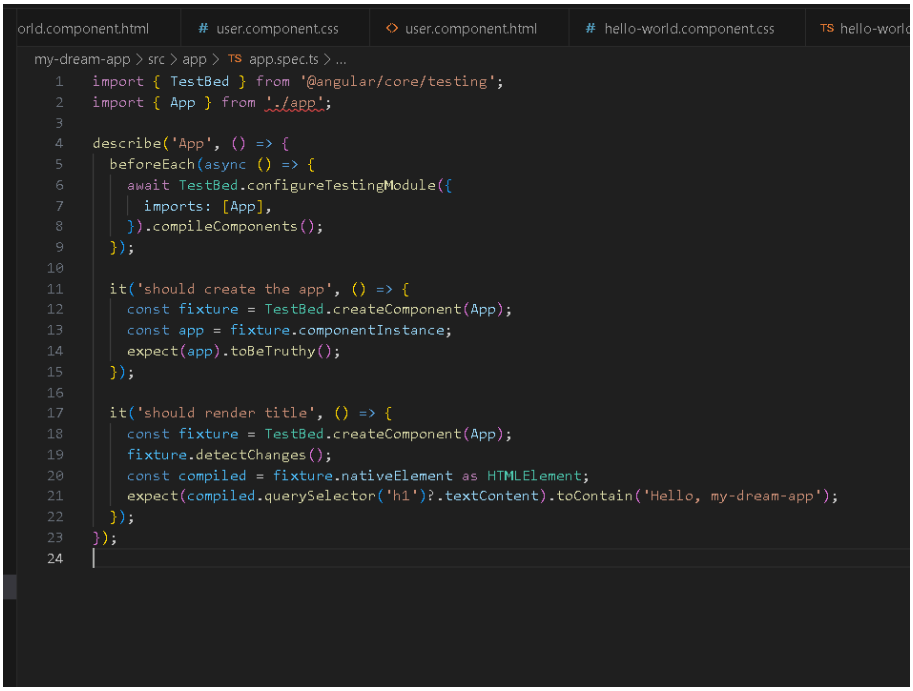
DIAPOSITIVA 1:

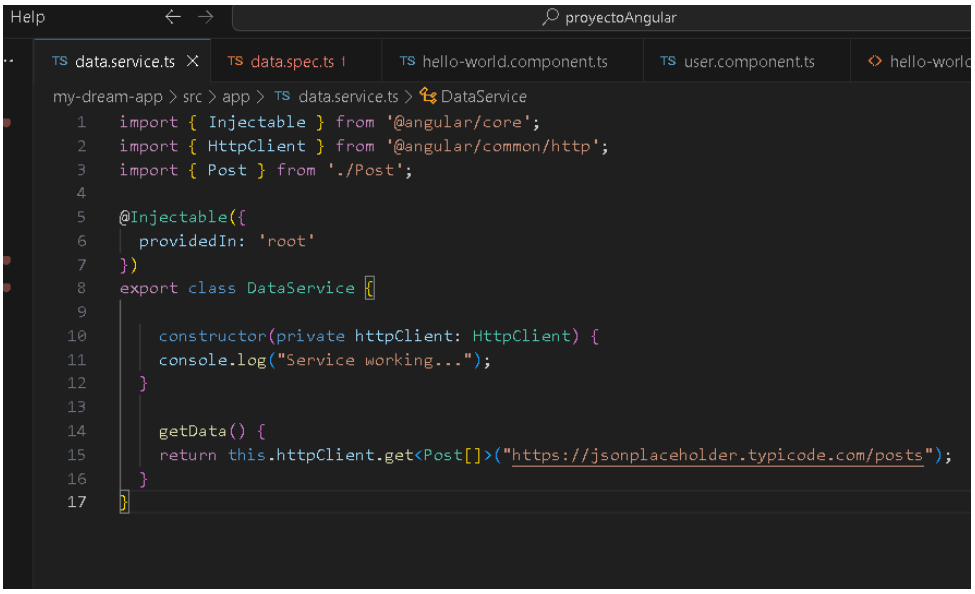
Estructura inicial de una API.

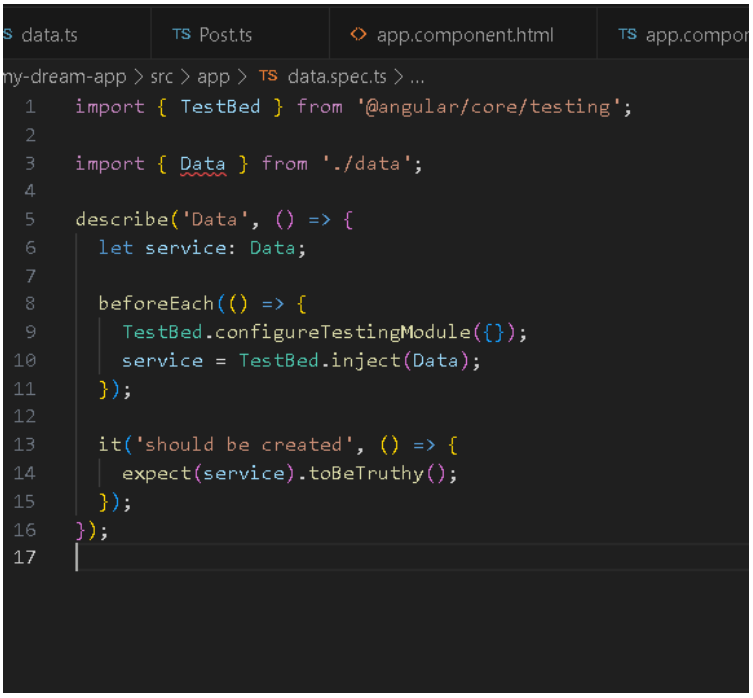
DIAPOSITIVA 10: Insertando un Servicio para llamar a Json

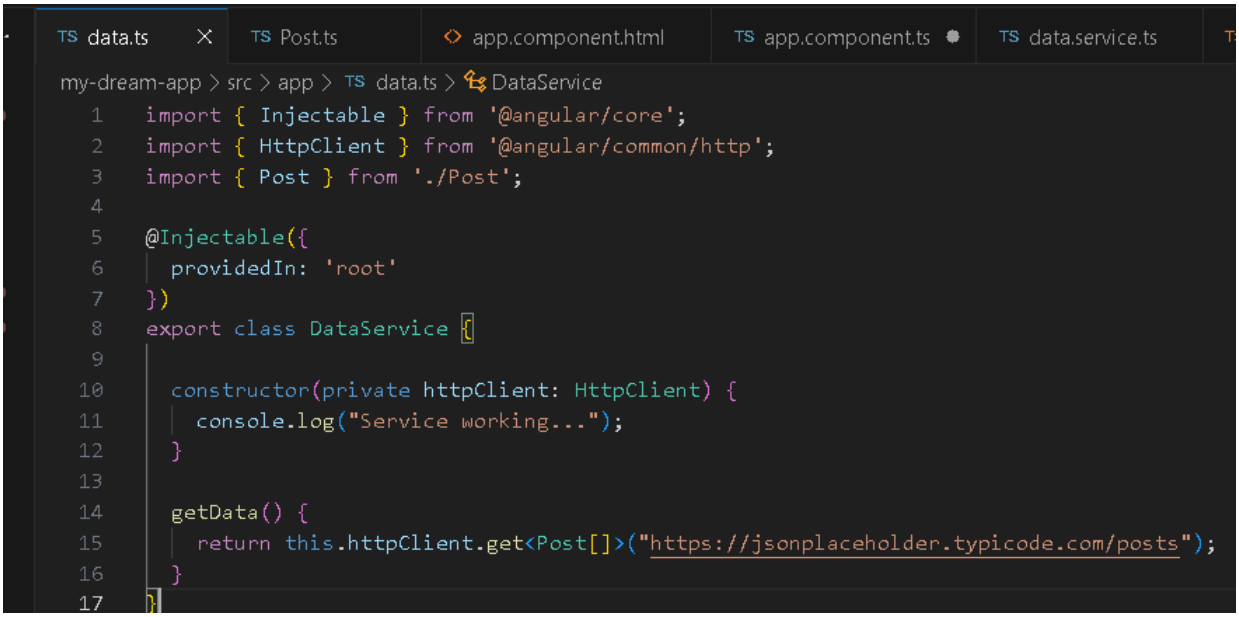


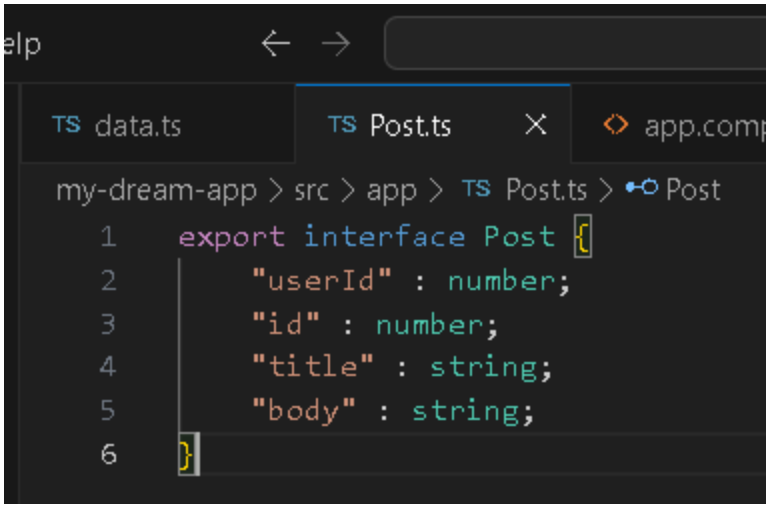

app.module.ts 3
data.ts
Post.ts
app.component.html
app.component
my-dream-app > src > app > app.module.ts > AppModule
import { BrowserModule } from '@angular/platform-browser';
import { NgModule } from '@angular/core';
import { AppRoutingModule } from './app-routing.module';
import { FormsModule } from '@angular/forms';
import { RouterModule, Route } from '@angular/router';
import { AppComponent } from './app.component';
import { HelloWorldComponent } from './hello-world/hello-world.component';
import { UserComponent } from './user/user.component';
import { DataService } from './data.service';
import { AboutComponent } from './about/about.component';
const routes: Route[] = [
{ path: '', component: AppComponent },
{ path: 'about', component: AboutComponent },
{ path: 'hello', component: HelloWorldComponent },
];
@NgModule({
declarations: [
AppComponent,
HelloWorldComponent,
UserComponent,
AboutComponent
],
imports: [
BrowserModule,
AppRoutingModule,
FormsModule,
HttpClientModule,
RouterModule.forRoot(routes),
],
providers: [DataService],
bootstrap: [AppComponent]
})
export class AppModule { }

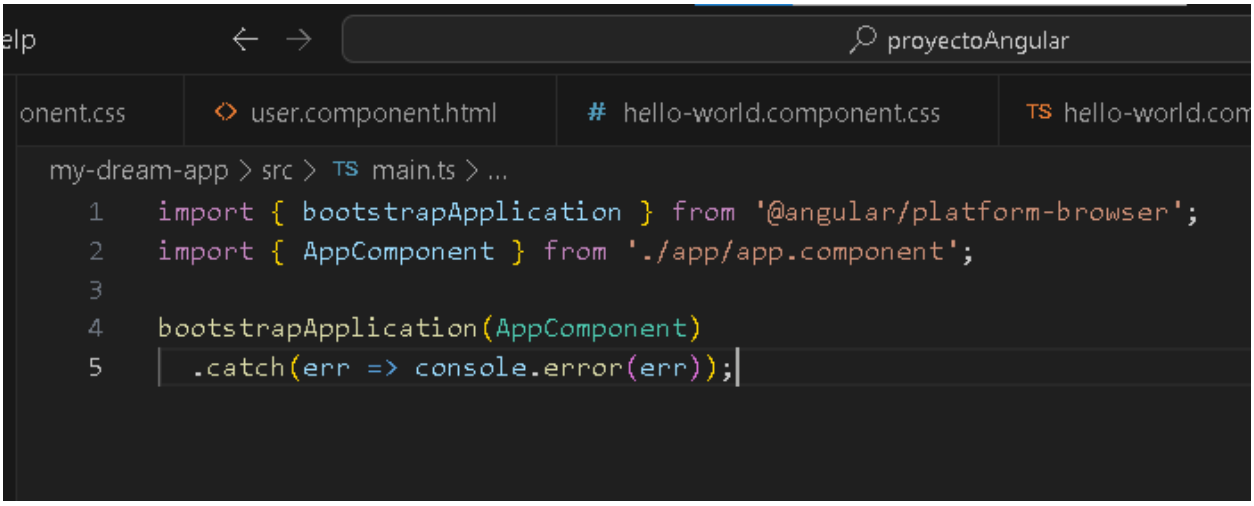

orld.component.html
user.component.css
user.component.html
hello-world.component.css
hello-world
my-dream-app > src > app > app.spec.ts > ...
import { TestBed } from '@angular/core/testing';
import { App } from './app';
describe('App', () => {
beforeEach(async () => {
await TestBed.configureTestingModule({
imports: [App],
}).compileComponents();
});
it('should create the app', () => {
const fixture = TestBed.createComponent(App);
const app = fixture.componentInstance;
expect(app).toBeTruthy();
});
it('should render title', () => {
const fixture = TestBed.createComponent(App);
fixture.detectChanges();
const compiled = fixture.nativeElement as HTMLElement;
expect(compiled.querySelector('h1')?.textContent).toContain('Hello, my-dream-app');
});
});

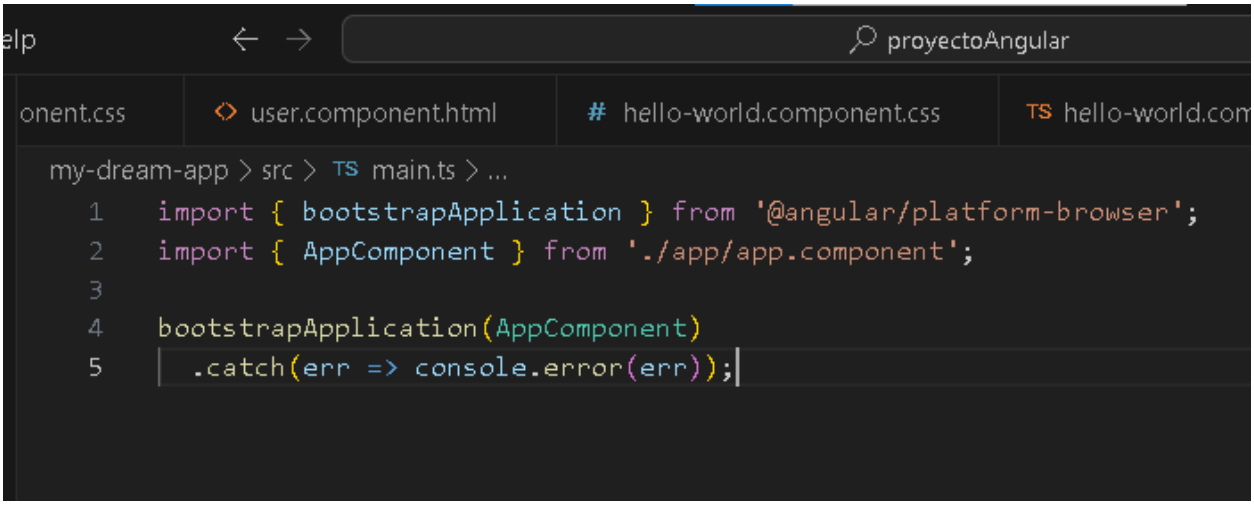

Help
proyectoAngular
data.service.ts
data.spec.ts
hello-world.component.ts
user.component.ts
my-dream-app > src > app > data.service.ts > DataService
import { Injectable } from '@angular/core';
import { HttpClient } from '@angular/common/http';
import { Post } from './Post';
@Injectable({
providedIn: 'root'
})
export class DataService {
constructor(private httpClient: HttpClient) {
console.log("Service working...");
}
getData() {
return this.httpClient.get<Post[]>("https://jsonplaceholder.typicode.com/posts");
}
}


data.ts
Post.ts
app.component.html
my-dream-app > src > app > data.spec.ts > ...
import { TestBed } from '@angular/core/testing';
import { Data } from './data';
describe('Data', () => {
let service: Data;
beforeEach(() => {
TestBed.configureTestingModule({});
service = TestBed.inject(Data);
});
it('should be created', () => {
expect(service).toBeTruthy();
});
});


data.ts
Post.ts
app.component.html
app.component.ts
data.service.ts
my-dream-app > src > app > data.ts > DataService
import { Injectable } from '@angular/core';
import { HttpClient } from '@angular/common/http';
import { Post } from './Post';
@Injectable({
providedIn: 'root'
})
export class DataService {
constructor(private httpClient: HttpClient) {
console.log("Service working...");
}
getData() {
return this.httpClient.get<Post[]>("https://jsonplaceholder.typicode.com/posts");
}
}


data.ts
Post.ts
my-dream-app > src > app > Post.ts > Post
export interface Post {
"userId" : number;
"id" : number;
"title" : string;
"body" : string;
}


proyectoAngular
user.component.html
hello-world.component.css
my-dream-app > src > main.ts > ...
import { bootstrapApplication } from '@angular/platform-browser';
import { AppComponent } from './app/app.component';
bootstrapApplication(AppComponent)
.catch(err => console.error(err));



git log --graph --pretty=oneline --abbrev-commit --all