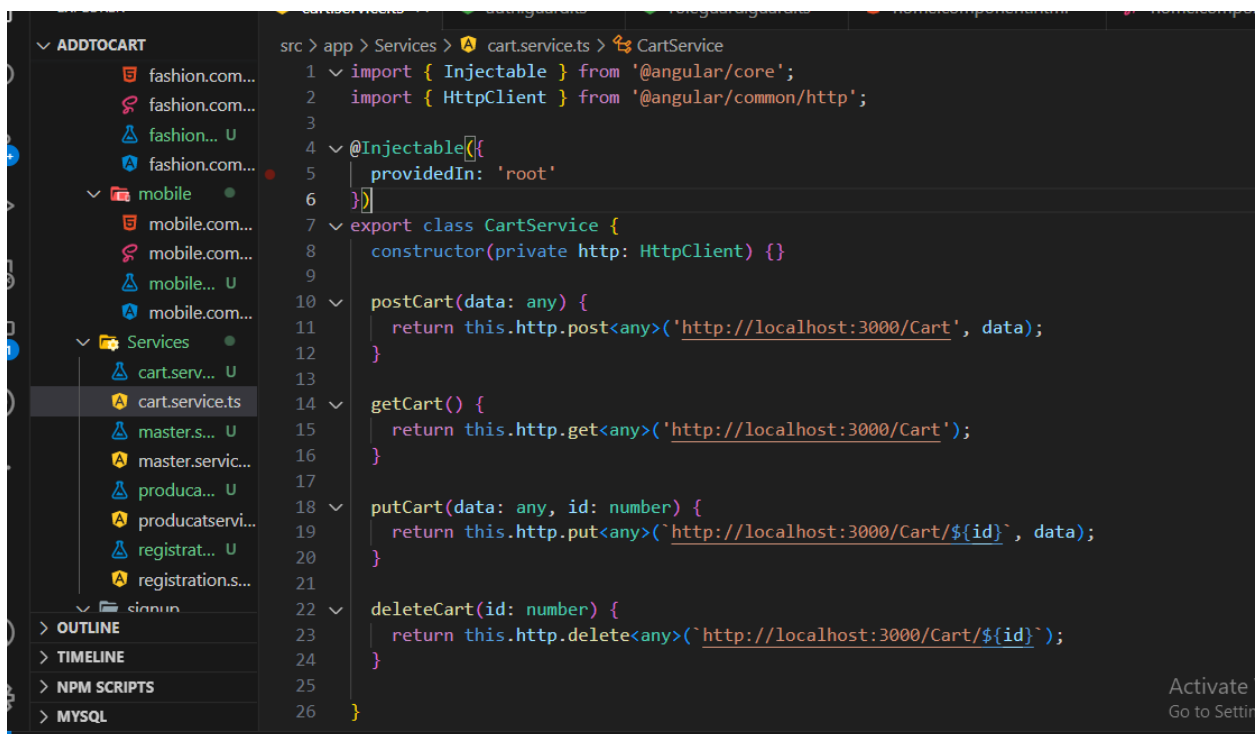


Task-15

Services:

Services are a fundamental part of the architecture and are used to encapsulate reusable functionality that can be shared across different components. Services provide a way to organize and share data, logic, and functionality between components, ensuring a modular and maintainable codebase.

cart service:

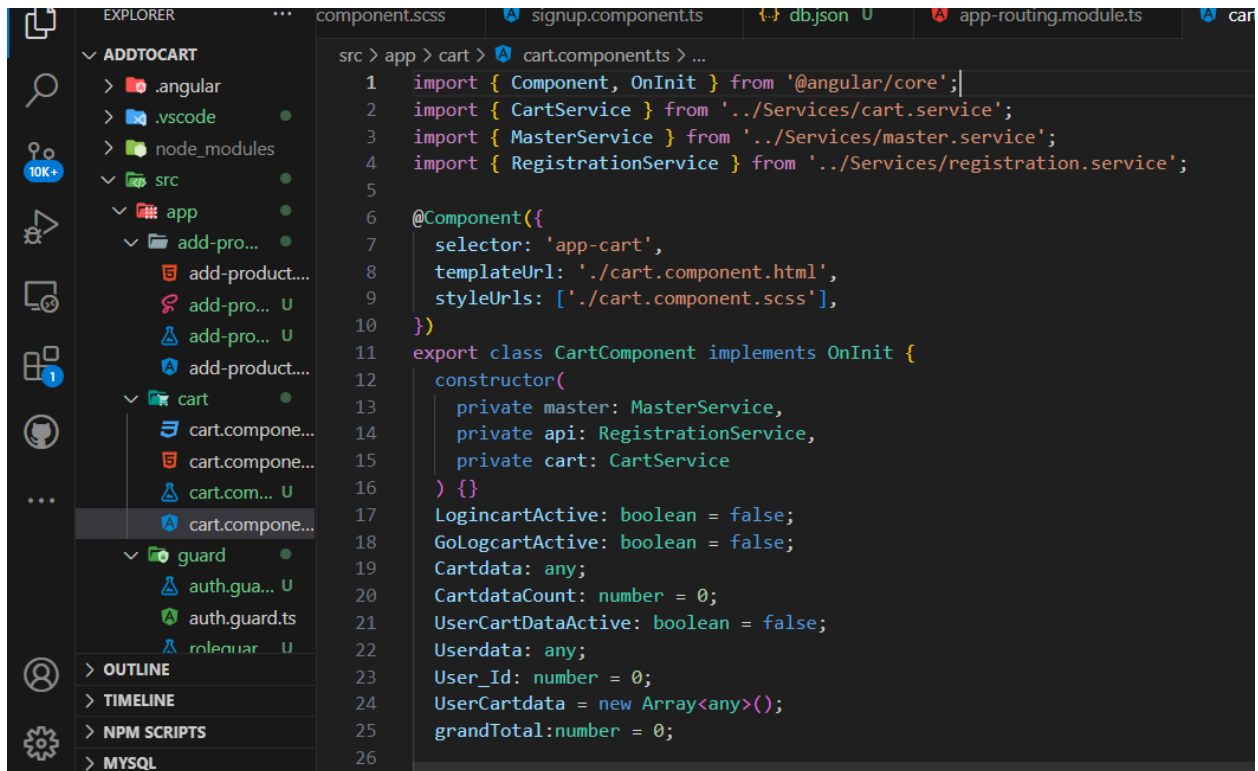


The screenshot shows an IDE with a file explorer on the left and a code editor on the right. The file explorer shows a project structure with folders like 'ADDTOCART', 'mobile', 'Services', and 'signin'. The 'Services' folder is expanded, showing 'cart.service.ts' selected. The code editor displays the content of 'cart.service.ts'.

```
src > app > Services > cart.service.ts > CartService
1  import { Injectable } from '@angular/core';
2  import { HttpClient } from '@angular/common/http';
3
4  @Injectable({
5    providedIn: 'root'
6  })
7  export class CartService {
8    constructor(private http: HttpClient) {}
9
10   postCart(data: any) {
11     return this.http.post<any>('http://localhost:3000/Cart', data);
12   }
13
14   getCart() {
15     return this.http.get<any>('http://localhost:3000/Cart');
16   }
17
18   putCart(data: any, id: number) {
19     return this.http.put<any>(`http://localhost:3000/Cart/${id}`, data);
20   }
21
22   deleteCart(id: number) {
23     return this.http.delete<any>(`http://localhost:3000/Cart/${id}`);
24   }
25
26 }
```

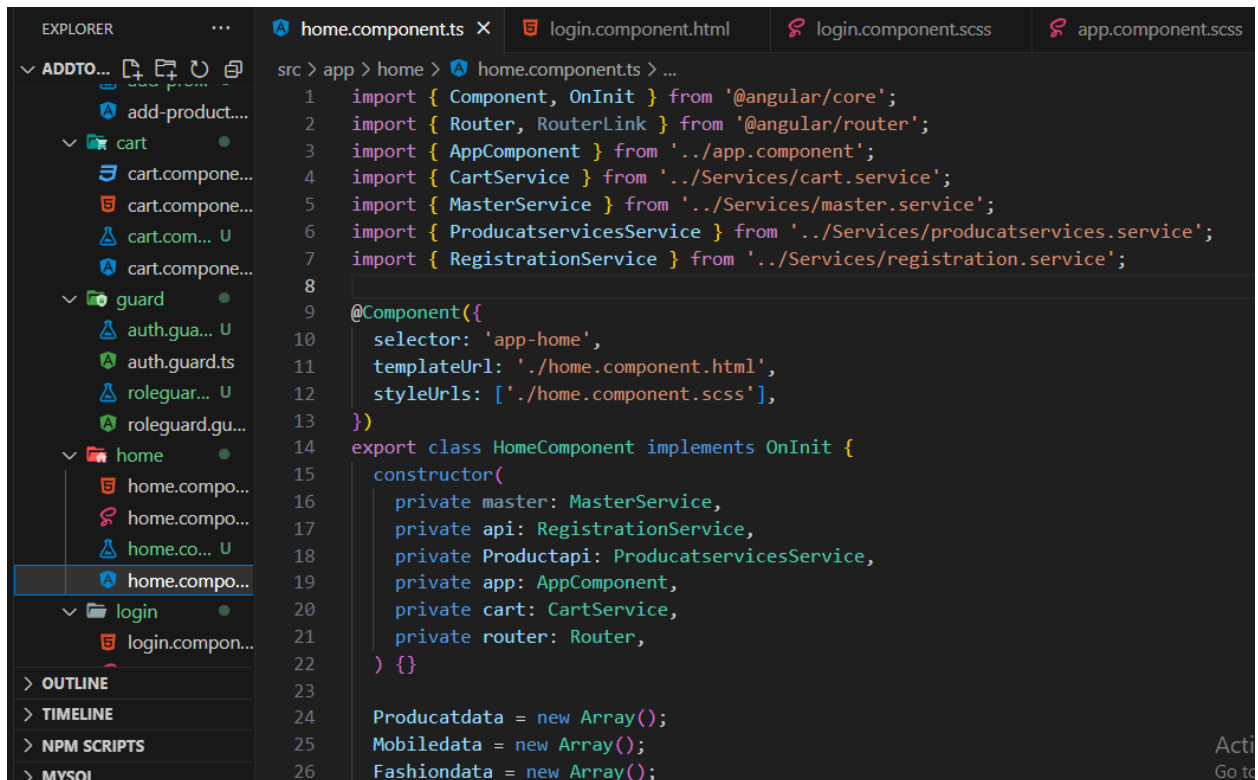
Activate
Go to Settings

cart service used in cart component:



```
src > app > cart > cart.component.ts > ...
1  import { Component, OnInit } from '@angular/core';
2  import { CartService } from '../Services/cart.service';
3  import { MasterService } from '../Services/master.service';
4  import { RegistrationService } from '../Services/registration.service';
5
6  @Component({
7    selector: 'app-cart',
8    templateUrl: './cart.component.html',
9    styleUrls: ['./cart.component.scss'],
10 })
11 export class CartComponent implements OnInit {
12   constructor(
13     private master: MasterService,
14     private api: RegistrationService,
15     private cart: CartService
16   ) {}
17   LoginCartActive: boolean = false;
18   GoLogCartActive: boolean = false;
19   Cartdata: any;
20   CartdataCount: number = 0;
21   UserCartDataActive: boolean = false;
22   Userdata: any;
23   User_Id: number = 0;
24   UserCartdata = new Array<any>();
25   grandTotal:number = 0;
26 }
```

cart service used in home component:



```
src > app > home > home.component.ts > ...
1  import { Component, OnInit } from '@angular/core';
2  import { Router, RouterLink } from '@angular/router';
3  import { AppComponent } from '../app.component';
4  import { CartService } from '../Services/cart.service';
5  import { MasterService } from '../Services/master.service';
6  import { ProducatservicesService } from '../Services/producatsservices.service';
7  import { RegistrationService } from '../Services/registration.service';
8
9  @Component({
10   selector: 'app-home',
11   templateUrl: './home.component.html',
12   styleUrls: ['./home.component.scss'],
13 })
14 export class HomeComponent implements OnInit {
15   constructor(
16     private master: MasterService,
17     private api: RegistrationService,
18     private Productapi: ProducatservicesService,
19     private app: AppComponent,
20     private cart: CartService,
21     private router: Router,
22   ) {}
23
24   Producatdata = new Array();
25   Mobiledata = new Array();
26   Fashiondata = new Array();
  Acti
  Go to
```