

# Source code

## 1: Sample Data

```
TS datas M X TS home.component.ts search.component.html TS search.component.ts # search.component.css home.compon
src > app > Sample_data > TS datas > ...
1 import { Food } from "../Models/food";
2 import { Tag } from "../Models/tag";
3
4 export const sample_foods: Food[] = [
5   {
6     id: '1',
7     name: 'Milk',
8     price: 25,
9     imageUrl: 'assets/foodItem1.jpg',
10    tags: ['Veg'],
11    company: ''
12  },
13  {
14    id: '2',
15    name: 'Bread',
16    price: 20,
17    imageUrl: 'assets/foodItem2.jpg',
18    tags: ['Veg'],
19    company: ''
20  },
21  {
22    id: '3',
23    name: 'Eggs',
24    price: 10,
25    imageUrl: 'assets/foodItem3.jpg',
26  }
```

## 2: Models

```
order.ts TS carts TS cartItem.ts # tags.component.css TS app-routing.module.ts TS header.component.ts TS tag.ts
src > app > Models > TS tags > Tag
1 export class Tag {
2
3   name!: string;
4   count!: number;
5
6 }
```

```
TS order.ts X TS carts TS cartItem.ts # tags.component.css TS app-routing.module.ts TS header.component.ts TS tag.ts
src > app > Models > TS orders > Order
1 import { CartItem } from "../cartItem";
2
3 export class Order {
4
5   id!: number;
6   items!: CartItem[];
7   totalPrice!: number;
8   name!: string;
9   address!: string;
10  contact!: number;
11  paymentId!: string;
12  createdAt!: string;
13  status!: string;
14
15 }
```

```
cart.ts    TS cartItem.ts    # tags.component.css    TS app-routing.module.ts    TS header.component.ts    TS tag.ts    TS food.ts X
```

src > app > Models > TS food.ts > Food > tags

```
1 export class Food {
2
3     id!:string;
4     name!:string;
5     price!:number;
6     tags?: string[];
7     imageUrl!: string;
8     company!: string;
9
10 }
```

```
# payment.component.css    <> payment.component.html M    TS payment.component.ts    TS order.ts    TS cart.ts    TS cartItem.ts X
```

src > app > Models > TS cartItem.ts > CartItem

```
1 import { Food } from "../food";
2
3 export class CartItem {
4     constructor(public food: Food) { }
5     quantity: number = 1;
6     price: number = this.food.price;
7 }
```

```
t.component.ts    # payment.component.css    <> payment.component.html M    TS payment.component.ts    TS order.ts    TS cart.ts X
```

src > app > Models > TS carts > Cart

```
1 import { CartItem } from "../cartItem";
2
3 export class Cart {
4     items: CartItem[] = [];
5     totalPrice: number = 0;
6     totalCount: number = 0;
7 }
```

### 3: Services

```
TS food.service.ts M TS tags.component.ts tags.component.html TS app.module.ts TS order.service.ts M X food.component.html
src > app > Services > TS order.service.ts > TS OrderService
1 import { Injectable } from '@angular/core';
2
3 import { Order } from '../Models/order';
4
5 @Injectable({
6   providedIn: 'root'
7 })
8 export class OrderService {
9
10   constructor() { }
11
12   order!: Order;
13
14   create(order : Order){
15     return this.order = order;
16   }
17
18   getNewOrder(): Order {
19     return this.order;
20   }
21
22 }
23

TS food.service.ts M X TS tags.component.ts tags.component.html TS app.module.ts TS order.service.ts food.component.html
src > app > Services > TS food.service.ts > FoodService
1 import { Injectable } from '@angular/core';
2
3 import { Food } from '../Models/food';
4 import { Tag } from '../Models/tag';
5 import { sample_foods, sample_tags } from '../Sample_data/data';
6
7 @Injectable({
8   providedIn: 'root'
9 })
10 export class FoodService {
11
12   constructor() { }
13
14   getAll(): Food[] {
15     return sample_foods;
16   }
17
18   getAllTags(): Tag[] {
19     return sample_tags;
20   }
21
22   getAllFoodsByTag(tag: string) : Food[] {
23     return tag == "All" ? this.getAll() : this.getAll().filter(food => food.tags?.includes(tag));
24   }
25
26   getAllFoodsBySearchTerm(searchTerm: string) {
27
28 }
29

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
√ Compiled successfully.
PS C:\Users\anushan\OneDrive - Cisco\Desktop\Training\Java_FSD\Java_Projects\Project4>
TS cart.service.ts M X # checkout.component.css checkout.component.html TS title.component.ts title.component.html # title.c
src > app > Services > TS cart.service.ts > ...
1 import { Injectable } from '@angular/core';
2 import { BehaviorSubject, Observable } from 'rxjs';
3
4 import { Cart } from '../Models/cart';
5 import { CartItem } from '../Models/cartItem';
6 import { Food } from '../Models/food';
7
8 @Injectable({
9   providedIn: 'root'
10 })
11 export class CartService {
12
13   private cart: Cart = new Cart();
14   private cartSubject: BehaviorSubject<Cart> = new BehaviorSubject(this.cart);
15
16   constructor() { }
17
18   addToCart(food: Food): void {
19     let cartItem = this.cart.items.find(item => item.food.id === food.id);
20     if (cartItem)
21       return;
22
23     this.cart.items.push(new CartItem(food));
24     this.setCartToLocalStorage();
25
26 }
```

#### 4: Project Structure

