1.app.module.ts

```typescript
import { NgModule } from '@angular/core';
import { BrowserModule } from '@angular/platform-browser';

import { AppRoutingModule } from './app-routing.module';
import { AppComponent } from './app.component';
import { FormsModule, ReactiveFormsModule } from "@angular/forms";
import { HomepageComponent } from './homepage/homepage.component';
import { LoginComponent } from './login/login.component';
import { FooditemCatalogComponent } from './fooditem-catalog/fooditem-catalog.component';
import { MainCourseFoodComponent } from './main-course-food/main-course-food.component';
import { HttpClientModule } from '@angular/common/http';
import { MainCourseFoodService } from './services/main-course-food.service';
import { MainCourseFoodAddComponent } from './main-course-food-add/main-course-food-add.component';
import { ShopHereComponent } from './shop-here/shop-here.component';
import { CheckoutComponent } from './checkout/checkout.component';



@NgModule({
  declarations: [
    AppComponent,
    HomepageComponent,
    LoginComponent,
    FooditemCatalogComponent,
    MainCourseFoodComponent,
    MainCourseFoodAddComponent,
    ShopHereComponent,
    CheckoutComponent,

  ],
  imports: [
    BrowserModule,
    AppRoutingModule,
    FormsModule,
    ReactiveFormsModule,
    HttpClientModule

  ],
  providers: [MainCourseFoodService],
  bootstrap: [AppComponent]
})
export class AppModule { }
```

2.app.routing.module.ts

```typescript
import { NgModule } from '@angular/core';
import { RouterModule, Routes } from '@angular/router';
import { CheckoutComponent } from './checkout/checkout.component';
import { FooditemCatalogComponent } from './fooditem-catalog/fooditem-catalog.component';
import { HomepageComponent } from './homepage/homepage.component';
import { LoginComponent } from './login/login.component';
import { MainCourseFoodAddComponent } from './main-course-food-add/main-course-food-add.component';
import { MainCourseFoodComponent } from './main-course-food/main-course-food.component';
import { ShopHereComponent } from './shop-here/shop-here.component';


const routes: Routes = [
  { path: 'home', component: HomepageComponent },
  { path: '', redirectTo: '/home', pathMatch: 'full' },// setting default route to login page
  { path: 'login', component: LoginComponent },
  { path: 'food_catalog', component: FooditemCatalogComponent },
  { path: 'main_course', component: MainCourseFoodComponent },
  { path: 'main_course_add', component: MainCourseFoodAddComponent },
  { path: 'shop_here', component: ShopHereComponent },
  { path: 'checkout', component: CheckoutComponent }

];

@NgModule({
  imports: [RouterModule.forRoot(routes)],
  exports: [RouterModule]
})
export class AppRoutingModule { }
```

3.app.component.html

```html
<router-outlet>

</router-outlet>
```

4. homepage component

homepage.component.html

```html
<div class=" container-fluid bg-image "
    style="background-image: url('https://image.freepik.com/free-photo/salad-
juice-with-copy-space_23-2148262115.jpg');height: 100vh;background-repeat: no-
repeat;background-size: cover;">
    <section class="main">
        <div class="container"></div>
        <div class="row">
            <div class="col-lg-7">
                <h1> Kitchen Story</h1>
                <span>Your Daily Need Products</span>
            </div>
        </div>

        <div class="btns">
            <a routerLink='/login' class="btn btn-dark mr-5"> Admin Login</a>
            <a routerLink='/shop_here' class=" btn btn-warning"> Shop here</a>
        </div>
    </section>
</div>
```

homepage.component.css

```css
.btns {
    position: relative;
    padding: 2%;
    margin-left: 230px;
}
.main h1{
    font-size: 4rem;
    font-weight: 700;
    text-align:center;
    padding: 60px;
}
.main span{
    font-size: 3rem;
    font-weight: 500;
    text-align:center;
    margin-left: 130px;
}
```

5.login component

Login.component.html

```html
<section class="vh-100" style=" background: linear-
gradient(to bottom, #33ccff 0%, #ff99cc 100%);">
    <div class="container py-5 h-100">
        <div class="row d-flex align-items-center justify-content-center h-
100">
            <div class="col-md-8 col-lg-7 col-xl-6">
                <img src="https://ecomchef.com/wp-
content/uploads/2019/07/login.png" class="img-fluid"
                    alt="Sample image">
            </div>

            <div class="col-md-6 col-lg-4 col-xl-4 offset-xl-1">
                <div class="form-outline mb-4">
                    <div class="card bg-dark text-white" class="vh-
50 gradient-custom" style="border-radius: 1rem; ">
                        <h1 class="h3 mb-3 fw-normal text-uppercase text-
center">Login</h1>

                        <hr> <br>

                        <form [formGroup]="loginform" (ngSubmit)="login()">

                            <div class="mb-3 pb-3 ">
                                <input type="text" class="form-
control rounded-pill border-0 shadow-sm px-4"
                                    name="email" formControlName="email" [(ngM
odel)]="user.email"
                                    placeholder="Email Address"
                                    [ngClass]="{'is-
invalid': submitted && f.email.invalid}">
                                <div *ngIf="submitted && f.email.invalid" clas
s="invalid-feedback">
                                    <div *ngIf="f.email.errors?.required">
                                        <div class="first"
                                            style="font-size: 14px; font-
weight: bold;padding-left: 15px;">

                                            Email Address Required
                                        </div>
                                    </div>
                                </div>

                            </div>

                            <div class="mb-3 pb-3">
                                <input type="password" class="form
control rounded-pill border-0 shadow-sm px-4"
```

```html
                                       name="password" formControlName="password"
 [(ngModel)]="user.password"

                                       placeholder="Password" [ngClass]="{'is-
invalid': submitted && f.password.invalid}">


                           <div *ngIf="submitted && f.password.invalid" c
lass="invalid-feedback">

                               <div *ngIf="f.password.errors?.required">
                                   <div class="second"
                                        style="font-size: 14px; font-
weight: bold;padding-left: 15px;">

                                       Password Required
                                   </div>
                               </div>
                           </div>
                       </div>
                       <button type="submit"
                               class="btn btn-success btn-block text-
uppercase mb-2 rounded-pill shadow-sm">Login</button>


                   </form>
               </div>
           </div>


       </div>
     </div>


   </div>
</section>
```

Login.component.ts

```typescript
import { Component, OnInit } from '@angular/core';
import { FormGroup, FormBuilder, Validators } from '@angular/forms';
import { Router } from '@angular/router';
import { User } from '../shared/user';

@Component({
  selector: 'app-login',
  templateUrl: './login.component.html',
  styleUrls: ['./login.component.css']
})
export class LoginComponent implements OnInit {
  submitted: boolean = false;

  user: User = new User();
  loginform!: FormGroup;
```

```typescript
constructor(private _formBuilder: FormBuilder, private _router: Router) { }
ngOnInit(): void {
  this.loginform = this._formBuilder.group({
    email: ['', Validators.required],
    password: ['', Validators.required]
  })
}

get f() {
  return this.loginform.controls;
}
login() {
  this.submitted = true;
  if (this.loginform.invalid) {
    return;
  }
  if (this.user.email == "admin@gmail.com" && this.user.password == "admin")
{
    alert('logged in successfully');
    this._router.navigateByUrl('/food_catalog');
  }
  else {
    alert('Invalid credentials');
  }

}

}
```

6.Food item catalog

Fooditem-catalog.component.html

```html
<nav class="navbar ">
    <div class="container-fluid">
        <a class="navbar ">
            <h1 style="color: rgb(199, 137, 67); font-
family:Verdana, Geneva, Tahoma, sans-serif; font-weight: 500;">
                FOOD ITEM CATALOG</h1>
        </a>
        <form class="d-flex">
            <h5 class="mt-2" style="color: rgb(7, 6, 6);">Welcome Admin</h5>
            <button class="btn btn-danger ml-
3" type="submit" routerLink="/home">Logout</button>
        </form>
    </div>
</nav>
<!--Navbar Ended Here-->
<div class="row row-cols-md-3 row-cols-md-2 g-4 mt-2">
    <div class="col">
        <div class="card text-center">
            <img src="https://image.freepik.com/free-photo/mixed-fruits-with-
apple-banana-orange-other_74190-6926.jpg"
                class="card-img-
top ;" style="height: 25rem; width: 20rem" alt="food2">
            <div class="card-body">
                <h5 class="card-title">Fruits</h5>
                <a href="#" class="btn btn-
dark" routerLink="/main_course">Crud function</a>
            </div>
        </div>
    </div>


    <div class="col">
        <div class="card text-center">
            <img src="https://cookieandkate.com/images/2014/09/gluten-free-
oat-waffles-recipe-2-1.jpg"
                class="card-img-
top ;" style="height: 25rem; width: 20rem" alt="food2">
            <div class="card-body">
                <h5 class="card-title">Waffle</h5>
                <a href="#" class="btn btn-
dark" routerLink="/main_course">Crud Function</a>
            </div>
        </div>
    </div>
```

```html
    <div class="col">
        <div class="card text-center">
            <img src="https://www.cookingclassy.com/wp-
content/uploads/2020/04/white-bread-recipe-4.jpg"
                class="card-img-
top ; " style="height: 25rem; width: 20rem;" alt="food3">
            <div class="card-body">
                <h5 class="card-title"> Breads</h5>
                <a href="#" class="btn btn-
dark" routerLink="/main_course">Crud Function</a>
            </div>
        </div>
    </div>

    <div class="col">
        <div class="card text-center">
            <img src="https://myculturedpalate.com/wp-
content/uploads/2013/05/Trail-Mix-Recipe-Easy-Healthy-Snack-vert-534x800.jpg"
                class="card-img-
top; " style="height: 25rem; width: 18rem" alt="food4">
            <div class="card-body">
                <h5 class="card-title">Nuts</h5>
                <a href="#" class="btn btn-
dark" routerLink="/main_course">Crud Function</a>
            </div>
        </div>
    </div>


</div>
```

7.Main course food item

Main-course-food.component.html

```html
<nav class="navbar navbar-light bg-yellow ">
    <div class="container-fluid text-center">
        <h1 style="color:rgba(19, 19, 20, 0.562); text-align: center; padding-
left:500px; font-weight:bold;">
            Food List
        </h1>
        <div class="class d-flex">
            <a routerLink="/main_course_add" class="btn btn-
success" style="margin-right:500px"> Add Food </a>
        </div>
    </div>
</nav>
<br>
<table class=" table table-hover">
    <thead>
        <tr>
            <th scope="col">Id</th>
            <th scope="col">Food Name</th>
            <th scope="col">Price</th>
            <th scope="col">Image URL</th>
            <th scope="col">Quantity</th>
            <th scope="col">Operations</th>
        </tr>
    </thead>
    <tbody>
        <tr *ngFor="let food of foodList">
            <td>{{food.id}}</td>
            <td>{{food.fname}}</td>
            <td>{{food.price}}</td>
            <td><a href="{{food.img_url}}"> Click to View Image</a></td>
            <td>{{food.quan}}</td>
            <td>
                <button class="btn btn-dark">Edit</button>

                <button class="btn btn-danger mx-
3" (click)="(deletefoodList(food))"> Delete </button>
            </td>

        </tr>
    </tbody>

</table>
```

Main-course-food.component.ts

```typescript
import { Component, OnInit } from '@angular/core';
import { MainCourseFoodService } from '../services/main-course-food.service';
import { Food } from '../shared/food';
import { FormBuilder, FormGroup, ReactiveFormsModule } from '@angular/forms';

@Component({
  selector: 'app-main-course-food',
  templateUrl: './main-course-food.component.html',
  styleUrls: ['./main-course-food.component.css']
})
export class MainCourseFoodComponent implements OnInit {

  foodList: Array<Food> = [];
  foodData: any;

  constructor(private _maincoursefoodService: MainCourseFoodService) { }

  ngOnInit(): void {
    this._maincoursefoodService.getmain_course().subscribe(result => {
      this.foodList = result;
    }, (error) => {
      console.log(error);
    })
  }
  getmain_course() {
    this._maincoursefoodService.getmain_course().subscribe(result => { this.foodList = result })
  }

  deletefoodList(food: any) {
    this._maincoursefoodService.deletemain_course(food.id).subscribe(result =>
 {
      alert("Food :  " + food.fname + " \n deleted from the records");
      this.getmain_course();
    })
  }


}
```

8 main course food component add

Main-course-food-add.component.html

```html
<div class="p-5 mb-3 bg-light rounded-3">
    <div class="container-fluid py-5">
        <h1 class="display-5 fw-bold text-center">Add New Item</h1><br>
        <form>
            <div class="form-group row">
                <div class="col-sm-7 offset-xl-3">
                    <label class="col-sm-2 col-form-label"> Food Name</label>
                    <input type="text" class="formcontrol" name="fname" [(ngMo
del)]="food.fname">
                </div>
            </div>
            <div class=" form-group row">
                <div class="col-sm-7 offset-xl-3">
                    <label class="col-sm-2 col-form-label"> Price</label>
                    <input type="text" class="formcontrol" name="price" [(ngMo
del)]="food.price">
                </div>
            </div>
            <div class="form-group row ">
                <div class="col-sm-7 offset-xl-3">
                    <label class="col-sm-2 col-form-label"> Image URL</label>
                    <input type="text" class="formcontrol" name="img_url" [(ng
Model)]="food.img_url">
                </div>
            </div>

            <div class="form-group row">
                <div class="col-sm-7 offset-xl-3">
                    <label class="col-sm-2 col-form-label"> Quantity</label>
                    <input type="text" class="formcontrol" name="quan" [(ngMod
el)]="food.quan">
                </div>
            </div>
            <div class="col-sm-13  text-center">
                <a routerLink='/main_course' class="btn btn-dark">Close</a> |
                <button type="submit" class="btn btn-
success" (click)="addfood()">Submit</button>
            </div>
        </form>
    </div>
</div>
```

Main-course-food-add.component.ts

```typescript
import { Component, OnInit } from '@angular/core';
import { MainCourseFoodComponent } from '../main-course-food/main-course-food.component';
import { MainCourseFoodService } from '../services/main-course-food.service';
import { Food } from '../shared/food';
import { Router } from '@angular/router';
@Component({
  selector: 'app-main-course-food-add',
  templateUrl: './main-course-food-add.component.html',
  styleUrls: ['./main-course-food-add.component.css']
})
export class MainCourseFoodAddComponent implements OnInit {

  food: Food = new Food();
  constructor(private _maincoursefoodService: MainCourseFoodService,
    private _router: Router) { }

  ngOnInit(): void { }
  addfood() {
    this._maincoursefoodService.addgetmain_course(this.food).subscribe(result
=> {
      alert('Food iteam added sucessfully');
      this._router.navigate(['/main_course']);
    }, error => {
      console.log(error);

    })

  }
}
```

9.Shop here component

Shop-here-component.html

```html
<nav class="navbar " style="background-color: #080f14;">
    <div class="container-fluid">
        <a class="navbar">
            <h1 style="color: #ffffff;"><b>Kitchen Story</b></h1>
        </a>
        <form class="d-flex">
            <input class="form-control me-
2" type="search" placeholder="Search" aria-label="Search">
            <button class="btn btn-success ml-3" type="submit">Search</button>
        </form>
    </div>
</nav>
<div class="container-fluid mt-5">
    <div class="row">
        <div class="col-lg-12">
            <h3>Food List</h3>
            <table class="table table-hover">
                <thead>
                    <tr>
                        <th scope="col">Sno.</th>
                        <th scope="col"> Food Image </th>
                        <th scope="col">Item name</th>
                        <th scope="col">Price</th>
                        <th scope="col">Operations</th>
                    </tr>
                </thead>

                <tbody>
                    <tr *ngFor="let foods of foodLists let i = index">
                        <td>{{i+1}}</td>
                        <th scope="row">{{foods.fname}}</th>
                        <td> <a href="{{foods.img_url}}"> Click to View Image<
/a></td>
                        <td>{{foods.price}}</td>
                        <td><button class="btn btn-success mx-
3 " (click)="FoodCart(foods.fname,foods.price)"> Add to
                            Cart
                        </button>
                        </td>
                    </tr>
                </tbody>
            </table>

            <h3 style="text-align:center;"> Shopping Cart </h3>
```

```html
            <table class="table table-
striped" id="table1" style="width: 450px;">
                <thead>
                    <tr>
                        <th>Item</th>
                        <th >Price</th>
                    </tr>
                </thead>

                <tbody>
                    <tr *ngFor="let foods of array let i = index">
                        <td>{{foods.fname}}</td>
                        <td>{{foods.price}}</td>
                    </tr>

                </tbody>

                <tfoot>
                    <hr>
                    <h3> <strong>Total Bill : &#8377; {{total_bill}}</strong>
<a routerLink='/checkout'
                        class=" btn btn-primary ml-3">Checkout </a></h3>
                </tfoot>

            </table>
        </div>
    </div>
</div>
```

Shop-here-component.ts

```typescript
import { Component, OnInit } from '@angular/core';
import { MainCourseFoodService } from '../services/main-course-food.service';
import { Food } from '../shared/food';

@Component({
  selector: 'app-shop-here',
  templateUrl: './shop-here.component.html',
  styleUrls: ['./shop-here.component.css']
})
export class ShopHereComponent implements OnInit {
  foodLists: any;
  fn?: string;
  pr?: number;
  total_bill: number = 0;
  array = [] as any;
```

```
  constructor(private _maincoursefoodService: MainCourseFoodService) { }

 ngOnInit(): void {
   this.getFoodLists();
 }
 getFoodLists() {
   this._maincoursefoodService.getmain_course().subscribe(result => { this.fo
odLists = result })
 }

 FoodCart(fname: string, price: number) {
   this.pr = 0;
   this.fn = "";

   this.fn = fname;
   this.pr = price;
   this.array.push({ "fname": this.fn, "price": this.pr });


   this.total_bill += Number(this.pr);
 }

}
```

Shop-here-component.html

```
#table1{
    text-align:center;
    margin-left:30%;

}

.h3{
    text-align:center;
}
```

Checkout Page Component

Checkout.component.html

```html
<div class="container">
    <main>
        <div class="py-5 text-center">
            <h2>Checkout form</h2>
        </div>
        <br>
        <h5>Please fill out the form to confirm your order and payment details
</h5>
        <br>
        <div class="row g-5">
            <div class="col-md-7 col-lg-8">
                <h4 class="mb-3">Billing address</h4>
                <form class="needs-validation" novalidate>
                    <div class="row g-3">
                        <div class="col-sm-6">
                            <label for="firstName" class="form-
label">First name</label>
                            <input type="text" class="form-
control" id="firstName" placeholder="" value="" required>
                            <div class="invalid-feedback">
                                Valid first name is required.
                            </div>
                        </div>

                        <div class="col-sm-6">
                            <label for="lastName" class="form-
label">Last name</label>
                            <input type="text" class="form-
control" id="lastName" placeholder="" value="" required>
                            <div class="invalid-feedback">
                                Valid last name is required.
                            </div>
                        </div>

                        <div class="col-12"><br>
                            <label for="username" class="form-
label">Username</label>
                            <div class="input-group has-validation">
                                <span class="input-group-text">@</span>
                                <input type="text" class="form-
control" id="username" placeholder="Username" required>
                                <div class="invalid-feedback">
                                    Your username is required.
                                </div>
                            </div>
```

```
                    </div>

                    <div class="col-12"><br>
                        <label for="email" class="form-label">Email <span
                                class="text-
muted">(Optional)</span></label>
                        <input type="email" class="form-
control" id="email" placeholder="you@example.com">
                        <div class="invalid-feedback">
                            Please enter a valid email address for shippin
g updates.
                        </div>
                    </div>

                    <div class="col-12"><br>
                        <label for="address" class="form-
label">Address</label>
                        <input type="text" class="form-
control" id="address" placeholder="1234 Main St" required>
                        <div class="invalid-feedback">
                            Please enter your shipping address.
                        </div>
                    </div>

                    <div class="col-12"><br>
                        <label for="address2" class="form-
label">Address 2 <span
                                class="text-
muted">(Optional)</span></label>
                        <input type="text" class="form-
control" id="address2" placeholder="Apartment or suite">
                    </div>
                    <br>
                    <div class="col-md-2"><br>
                        <label for="country" class="form-
label">Country</label>
                        <select class="form-select" id="country" required>
                            <option value="">Choose...</option>

                            <option>India</option>
                            <option>Australia</option>
                        </select>
                        <div class="invalid-feedback">
                            Please select a valid country.
                        </div>
                    </div>

                    <div class="col-md-2"><br>
```

```html
                        <label for="state" class="form-
label">State</label>
                        <select class="form-select" id="state" required>
                            <option value="">Choose...</option>

                            <option>Karnataka</option>
                            <option>Canberra</option>
                        </select>
                        <div class="invalid-feedback">
                            Please provide a valid state.
                        </div>
                    </div>

                    <div class="col-md-3"><br>
                        <label for="zip" class="form-label">Zip</label>
                        <input type="text" class="form-
control" id="zip" placeholder="" required>
                        <div class="invalid-feedback">
                            Zip code required.
                        </div>
                    </div>
                </div>

                <hr class="my-4">

                <div class="form-check">
                    <input type="checkbox" class="form-check-
input" id="same-address">
                    <label class="form-check-label" for="same-address"> --
--Shipping address is the same as my
                        billing address</label>
                </div>

                <div class="form-check">
                    <input type="checkbox" class="form-check-
input" id="save-info">
                    <label class="form-check-label" for="save-info">----
Save this information for next time</label>
                </div>

                <hr class="my-4">

                <h4 class="mb-3">Payment</h4>

                <div class="my-3">
                    <div class="form-check">
                        <input id="credit" name="paymentMethod" type="radi
o" class="form-check-input" checked
```

```html
                                                    required>
                                        <label class="form-check-label" for="credit">----
Cash On Delivery</label>
                                    </div>
                                    <div class="form-check">
                                        <input id="debit" name="paymentMethod" type="radio
" class="form-check-input" required>
                                        <label class="form-check-label" for="debit"> ----
Debit card</label>
                                    </div>
                                    <div class="form-check">
                                        <input id="phonepe" name="paymentMethod" type="rad
io" class="form-check-input" required>
                                        <label class="form-check-label" for="phonepe"> ---
-Phonepe</label>
                                    </div>
                                </div>

                                <div class="row gy-3">
                                    <div class="col-md-6"><br>
                                        <label for="cc-name" class="form-
label">Name on card</label>
                                        <input type="text" class="form-control" id="cc-
name" placeholder="" required>
                                        <small class="text-
muted">Full name as displayed on card</small>
                                        <div class="invalid-feedback">
                                            Name on card is required
                                        </div>
                                    </div>

                                    <div class="col-md-6"><br>
                                        <label for="cc-number" class="form-
label">Credit card number</label>
                                        <input type="text" class="form-control" id="cc-
number" placeholder="" required>
                                        <div class="invalid-feedback">
                                            Credit card number is required
                                        </div>
                                    </div>

                                    <div class="col-md-3"><br>
                                        <label for="cc-expiration" class="form-
label">Expiration</label>
                                        <input type="text" class="form-control" id="cc-
expiration" placeholder=" " required>
                                        <div class="invalid-feedback">
                                            Expiration date required
```

```html
                                                </div>
                                </div>

                                <div class="col-md-3"><br>
                                        <label for="cc-cvv" class="form-label">CVV</label>
                                        <input type="text" class="form-control" id="cc-
cvv" placeholder="" required>
                                        <div class="invalid-feedback">
                                            Security code required
                                        </div>
                                </div>
                        </div>

                        <div class="modal-footer">
                                <button type="button" class="btn btn-success " data-
bs-toggle="modal"
                                    data-bs-
target="#order_conformaton">Place Order</button>
                        </div>
                        <div class="modal fade" id="order_conformaton" tabindex="-
1" aria-labelledby="exampleModalLabel"
                                aria-hidden="true">
                                <div class="modal-dialog">
                                    <div class="modal-content">
                                        <div class="modal-header">
                                            <h5 class="modal-
title" id="exampleModalLabel">Order Status</h5>
                                                <button type="button" class="btn-
close" data-bs-dismiss="modal"
                                                    aria-label="Close"></button>
                                        </div>
                                        <div class="modal-body">
                                            <h4 style="color: rgb(245, 29, 13);"> Orde
r Placed SuccessFully!</h4>
                                        </div>
                                        <div class="modal-footer">
                                            <button type="button" class="btn btn-
secondary"
                                                data-bs-dismiss="modal">Close</button>
                                        </div>
                                    </div>
                                </div>
                        </div>
                    </form>
                </div>
            </div>
        </main>
```

```
</div>
```

Shared

User.ts[for login page]

```
export class User {
    email?: string;
    password?: string;
    cred?: string;
}
```

Food.ts

```
export class Food {
    id!: number;
    fname!: string;
    price!: number;
    img_url!: string;
    quan!: number;
}
```

Services

Main-course-food.service.ts

```
import { Injectable } from '@angular/core';
import { HttpClient } from '@angular/common/http'
import { Food } from '../shared/food';
import { Observable } from 'rxjs';
@Injectable()
export class MainCourseFoodService {

  constructor(private _http: HttpClient) { }

  getmain_course(): Observable<Food[]> {
    return this._http.get<Food[]>('http://localhost:3000/food');
  }
  addgetmain_course(fooditems: Food) {  //object sent
    return this._http.post('http://localhost:3000/food', fooditems);
  }
  deletemain_course(id: number): Observable<Food> {
    return this._http.delete<Food>('http://localhost:3000/food/' + id);
  }
}
```

Json file

data.json

```json
{
  "food": [
    {
      "fname": "Orange",
      "price": "25",
      "img_url": "https://healthjade.com/wp-content/uploads/2017/10/orange-fruit.jpg",
      "quan": "25",
      "id": 1
    },
    {
      "fname": "Cashew",
      "price": "200",
      "img_url": "https://m.media-amazon.com/images/I/81NWcP0or3L._SX522_.jpg",
      "quan": "400",
      "id": 3
    },
    {
      "fname": "Chocolate Waffle",
      "price": "150",
      "img_url": "https://gfreefoodie.com/wp-content/uploads/2016/08/choc-waffle.jpg",
      "quan": "10",
      "id": 4
    }
  ]
}
```