Step1: create components as needed (Product, Listing) and a service (product.service.ts)

For componenets: > ng g c componentname

For service:> ng g service servicename

Step2: Check whether the components are added in the app.module.ts

Step3: Goto app-routing.module.ts and import the created components.

import { RouterModule, Routes } from '@angular/router';

import { HomeComponent } from './home/home.component';

import { ListingComponent } from './listing/listing.component';

import { ProductComponent } from './product/product.component';

Step4: configure the Routes for all the components:

const routes: Routes = [

  {path:"",component:HomeComponent},

  {

path:"product", component:ProductComponent,

children:[{

  path:"", component:ListingComponent

},

{

  path:"create",component:AddnewComponent

}]

  }

];

Step5: Place the router tag as follows in app.component.html / product.component.html:

<router-outlet></router-outlet>

Step – 6: Goto product.service.ts then import @angular/common/http as follows:

import {HttpClient} from '@angular/common/http'

step7: Copy the URL from postman after executing the JFS-Hibernate project(findAllProducts)

http://localhost:9191/ProductController/products

Step8: Add annotation @CrossOrigin in your hibernate project controller findallproducts method to allow it to communicate with other APIs.

@CrossOrigin

@GetMapping("/products")

**public** List<Product> findAllProducts() {

**return** productService.getProducts();

}

Step 9: create a variable tohold the URL as follows:

apiurl='http://localhost:9191/ProductController/products';

step 10: create a reference for HttpClient in constructor

constructor(private http:HttpClient) {

step11: create a method named *loadProduct()* to return the content from postman.

loadProduct(){

    return this.http.get(this.apiurl);

  }

Step12: in listing.component.ts import the prpoduct service as follows:

import { ProductService } from '../service/product.service';

Step 13: inside constructor create a reference to access the service.

constructor(private service:ProductService)

step14: create a variable in listing.coponent.ts to hold the data returned from service.ts

productData:any;

step 15: create a method to call the loadProduct() method available in product.service.ts

loadProduct(){

    this.service.loadProduct().subscribe(data=>{

      this.productData=data;

    });

  }

Step:16: create a design in Listing.css:

table {

    width: 100%;

    background-color: rgb(55, 146, 226);

  }

Step 17: listing.html:

Create a table to display the product details from the varible productData

<table id="datatable" >

        <thead>

            <tr>

                <th>Mobile Series</th>

                <th>Brand</th>

                <th>Stock</th>

                <th>Latest Price</th>

            </tr>

        </thead>

        <tbody>

<tr \*ngFor= "let p of productData">

    <td>{{p.id}}</td>

    <td>{{p.name}}</td>

    <td>{{p.quantity}}</td>

    <td>{{p.price}}</td>

    <td><button>Edit</button> | <button>Delete</button></td>

</tr>

        </tbody>

    </table>