crypto.service.ts

import { Injectable } from '@angular/core';

@Injectable({

  providedIn: 'root'

})

export class CryptoServiceService {

  coins=[{id:1, name:'BTC'}, {id:2, name:'XRP'}];

  getCoins(){

    return this.coins;

  }

}

TestCryptoserviceComponent.component.ts

import { Component, OnInit } from '@angular/core';

import { CryptoServiceService } from '../crypto-service.service';

@Component({

  selector: 'app-test-cryptoservice',

  templateUrl: './test-cryptoservice.component.html',

  styleUrls: ['./test-cryptoservice.component.css']

})

export class TestCryptoserviceComponent implements OnInit {

  coins=[];

  constructor(private cryptoService:CryptoServiceService) {

    this.coins=cryptoService.getCoins();

    console.log(this.coins);

   }

  ngOnInit() {

  }

}

TestCryptoserviceComponent.component.html

<table border="1">

<tr>

<th>ID</th>

<th>Name</th>

</tr>

<tr \*ngFor="let coin of coins">

<td>{{coin.id}}</td>

<td>{{coin.name}}</td>

</tr>

</table>

CustomerService.ts

import { Injectable } from '@angular/core';

import { customers } from './testcustomer/customer.model';

import { Customer } from './testcustomer/customer.model';

@Injectable({ providedIn: 'root'})

export class CustomerService {

getCustomers(): Customer[] {

return customers;

}

}

Customer.ts

export class Customer {

id: number;

firstname: string;

lastname: string;

age: number

}

export const customers: Customer[] = [

{id: 1, firstname: 'Mary', lastname: 'Taylor', age: 24},

{id: 2, firstname: 'Peter', lastname: 'Smith', age: 18},

{id: 3, firstname: 'Lauren', lastname: 'Taylor', age: 31}

];

TestCustComponent.component.ts

import { Component, OnInit } from '@angular/core';

import { CustomerService } from '../customer.service';

@Component({

  selector: 'app-test-cust',

  templateUrl: './test-cust.component.html',

  styleUrls: ['./test-cust.component.css']

})

export class TestCustComponent implements OnInit {

  customers = [];

  constructor(private customerservice: CustomerService) { }

  ngOnInit() {

    this.customers = this.customerservice.getCustomers();

  }

}

TestCustComponent.component.html

<h1>Customer List</h1>

<ul>

<li \*ngFor="let customer of customers">

{{ customer | json }}

</li>

</ul>

**REST:**

PersonIntf.ts

export interface Person{

    name:string,

    age:number

}

PersonHttpService.ts

import { Person } from './PersonIntf';

@Injectable({

  providedIn: 'root'

})

export class PersonHttpService {

  baseUrl:string = "http://localhost:8081/SpringRESTApp2018/persons/";

  constructor(private http:HttpClient) { }

  getPersons():Observable<Person[]>{

    return this.http.get<Person[]>(this.baseUrl);

  }

getPersonByName(name:string):Observable<Person>{

    return this.http.get<Person>(`${this.baseUrl}${name}`);

  }

}

PersonListComponent.component.ts

import { Component, OnInit } from '@angular/core';

import { PersonHttpService } from '../person-http.service';

import { Person } from '../PersonIntf';

@Component({

  selector: 'app-person-list',

  templateUrl: './person-list.component.html',

  styleUrls: ['./person-list.component.css']

})

export class PersonListComponent implements OnInit {

  persons:Person[]=[];

  personobj:Person;

  constructor(private personService: PersonHttpService) { }

  ngOnInit() {

    this.personService.getPersons().subscribe(data => this.persons = data);

    this.personService.getPersonByName("Anita").subscribe(data => this.personobj = data);

  }

}

PersonListComponent.component.html

<h1> List of Persons</h1>

<table border="1">

  <tr><th>Person Name</th>

      <th>Person Age</th></tr>

  <tr \*ngFor="let p of persons">

    <td>{{p.pname}}</td>

    <td>{{p.age}}</td>

  </tr>

</table>

Persons details {{personobj | json}}

Person.json:

[

    { "pname": "Anita", "age":23000},

    { "pname": "Puneet", "age":40000},

    { "pname": "Vineet", "age":45000},

    { "pname": "Sarita", "age":20000},

    { "pname": "Mayuri", "age":80000}

  ]

Forms