

1. Create employee.service.ts and take list from ListEmployeeComponent

2. @Injectable() is decorator to inject other dependencies into service.

3. Import employee.service.ts in app.module.ts

4. Import EmployeeService to list-employee.component

5. Inject EmployeeService using the constructor to give an access to class

6. Call the getEmployees() service method FROM EmployeeService

```
employee.service.ts
1 import { Injectable } from '@angular/core';
2 import { Employee } from '../models/employee.models';
3
4 @Injectable()
5
6 export class EmployeeService {
7   private listEmployees: Employee[] = [
8     {
9       id: 1,
10      name: 'Mark',
11      gender: 'Male',
12      contactPreference: 'Email',
13      email: 'mark@pragimtech.com',
14      dateOfBirth: new Date( value: '10/25/1988'),
15      department: '3',
16      isActive: true,
17      photoPath: 'assets/images/logo.jpg',
18      password: null,
19      confirmPassword: null,
20    },
21    {
22      id: 2,
23      name: 'Mary',
24      gender: 'Female',
25      contactPreference: 'Phone',
26      phoneNumber: 12345678,
27      dateOfBirth: new Date( value: '11/20/1979'),
28      department: '2',
29      isActive: true,
30      photoPath: 'assets/images/logo.jpg',
31      password: null,
32      confirmPassword: null,
33    },
34    {id: 3...},
35  ];
36
37   getEmployees(): Employee[] {
38     return this.listEmployees;
39   }
40
41   save(employee: Employee) {
42     this.listEmployees.push(employee);
43   }
44 }
```

```
list-employees.component.ts
1 import { Component, OnInit } from '@angular/core';
2 import { Employee } from '../models/employee.models';
3 import { EmployeeService } from './employee.service';
4
5
6 @Component({
7   templateUrl: './list-employees.component.html',
8   styleUrls: ['./list-employees.component.css']
9 })
10 export class ListEmployeesComponent implements OnInit {
11   employees: Employee[] = [];
12   constructor(private newEmployeeService: EmployeeService) {}
13
14   ngOnInit() {
15     this.employees = this.newEmployeeService.getEmployees();
16   }
17
18 }
```

```

1 import { Component, OnInit } from '@angular/core';
2 import { NgForm } from '@angular/forms';
3 import { Department } from '../models/department.model';
4 import { Employee } from '../models/employee.model';
5 import { EmployeeService } from '../employee.service';
6 import { Router } from '@angular/router';
7
8
9 @Component({
10   selector: 'app-create-employee',
11   templateUrl: './create-employee.component.html',
12   styleUrls: ['./create-employee.component.css']
13 })
14 export class CreateEmployeeComponent implements OnInit {
15   employee: Employee = {
16     id: null,
17     name: null,
18     gender: null,
19     contactPreference: null,
20     phoneNumber: null,
21     email: '',
22     dateOfBirth: null,
23     department: null,
24     isActive: null,
25     photoPath: null,
26     password: null,
27     confirmPassword: null,
28   };
29   departments: Department[] = [
30     { id: 1, name: 'Help Desk' },
31     { id: 2, name: 'HR' },
32     { id: 3, name: 'IT' },
33     { id: 4, name: 'Payroll' }
34   ];
35   previewPhoto = false;
36   constructor(private newEmployeeService: EmployeeService,
37     private newRouter: Router) {}
38
39   ngOnInit() {
40   }
41   togglePhotoPrev() {
42     this.previewPhoto = !this.previewPhoto;
43   }
44   saveEmployee(): void {
45     this.newEmployeeService.save(this.employee);
46     this.newRouter.navigate(['list']);
47   }
48 }

```