Create new project with routing option

ng new routing-demo –routing

**Configure route in routing.module.ts**

1. import { NgModule } from '@angular/core';
2. import { Routes, RouterModule } from '@angular/router';
3. import { DepartmentListComponent } from './department-list/department-list.component';
4. import { EmployeeListComponent } from './employee-list/employee-list.component';
5. const routes: Routes = [
6. {path:'department',component:DepartmentListComponent},
7. {path:'employee',component:EmployeeListComponent}
8. ];
9. @NgModule({
10. imports: [RouterModule.forRoot(routes)],
11. exports: [RouterModule]
12. })
13. export class AppRoutingModule { }
14. export const routingcomponent=[DepartmentListComponent,EmployeeListComponent];

I have created two components (DepartmentListComponent, EmployeeListComponent).

As in this file I have created routingComponent const array to remove duplicate import code in app.module.ts file.

import { AppRoutingModule,routingcomponent } from './app-routing.module';

import { AppComponent } from './app.component';

// import { DepartmentListComponent } from './department-list/department-list.component';

// import { EmployeeListComponent } from './employee-list/employee-list.component';

@NgModule({

declarations: [

AppComponent,

// DepartmentListComponent,

// EmployeeListComponent

routingcomponent

],

imports: [

BrowserModule,

AppRoutingModule

],

providers: [],

bootstrap: [AppComponent]

})

export class AppModule { }

Now use directives in html file

<h2>Routing and Navigation</h2>

<nav>

<button>

<a routerLink="/employee">Employee list</a>

</button>

<br>

<br>

<button>

<a routerLink="/department">Department list</a>

</button>

</nav>

<router-outlet></router-outlet>