**Lesson03 Angular 6 Apply Extended Routing to app.modules**

**Notes:-**

**1-we create component by using the following command**

ng g c employee/create-employee --spec=false --flat=true  
ng g c employee/list-employees --spec=false --flat=true

**2-we create app.modules.ts and set the following**

ng generate module app-routing --flat=true --module=app

**3-we will apply the routing in the AppRoutingModule.ts**

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

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

// Import the components so they can be referenced in routes

import { CreateEmployeeComponent } from './employee/create-employee.component';

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

// The last route is the empty path route. This specifies

// the route to redirect to if the client side path is empty.

const appRoutes: Routes = [

  { path: 'list', component: ListEmployeesComponent },

  { path: 'create', component: CreateEmployeeComponent },

  { path: '', redirectTo: '/list', pathMatch: 'full' }

];

// Pass the configured routes to the forRoot() method

// to let the angular router know about our routes

// Export the imported RouterModule so router directives

// are available to the module that imports this AppRoutingModule

@NgModule({

  imports: [ RouterModule.forRoot(appRoutes) ],

  exports: [ RouterModule ]

})

export class AppRoutingModule { }

**4-we will implement this extended Routing in the app.modules**

import { BrowserModule } from '@angular/platform-browser';

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

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

import {HttpClientModule} from '@angular/common/http';

import { FormsModule} from '@angular/forms';

import {EmpServiceService} from './Services/emp-service.service';

import { ToastrModule } from 'ngx-toastr';

import { ProfileComponent } from './Components/profile/profile.component';

import { MenuCompComponent } from './Components/menu-comp/menu-comp.component';

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

import { HelloCompComponent } from './Components/hello-comp/hello-comp.component';

import {EmployeePipe} from './Clasess/employee-pipe';

import { EmployeeSearchCompComponent } from './Components/employee-search-comp/employee-search-comp.component';

import {PageNotFoundCompComponent} from './Components/page-not-found-comp/page-not-found-comp.component';

//we will import the extended clasess

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

@NgModule({

declarations: [

AppComponent,

EmployeeListComponent,

EmployeeEntryComponent,

EmployeeCompComponent,

ProfileComponent,

MenuCompComponent,

HelloCompComponent,

EmployeePipe,

EmployeeSearchCompComponent,

PageNotFoundCompComponent],

imports: [

BrowserModule,

HttpClientModule,

FormsModule,

ToastrModule.forRoot(),

//we will import the extended class in the app.modules

AppRoutingModule],

providers: [EmpServiceService],

bootstrap: [AppComponent]})

export class AppModule { }