**Lesson26 Routing in Angular**

**Notes:-**

**1-Routing allows users to navigate from one view to another view.**

**2- The selector is only required if we are going to embed this component inside another component using the selector as a directive.**

**3-Instead we are going to use the router to navigate to this component.**

**Steps:-**

**A-In the Index.html we write the following code**

<html lang="en">

<head>

<meta charset="utf-8">

<title>MyApp</title>

//this is used to tells the angular router how to compose navigation URLs.

<base href="/">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="icon" type="image/x-icon" href="favicon.ico">

</head>

<body>

<app-root></app-root>

</body>

</html>

**B-In the app.module.ts we write the following code**

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

const appRoutes: Routes = [

//The Order of the routes path is important , so that the order of the default route

//wild card route is the order is the last and before last order

{ path: 'home', component: HomeComponent },

{ path: 'employees', component: EmployeeComponent },

//we link the default route with the home Component

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

//we link the Page Not Found Component if the url is not exist in the application

{ path: '\*\*', component: PageNotFoundComponent }

];

@NgModule({

declarations: [

AppComponent,

EmployeeComponent,

HomeComponent,

MenuComponent,

PageNotFoundComponent],

imports: [

BrowserModule,

//this below command is used to import the routing in the application and if you want to apply the hash url ,you can add the use Hash command

RouterModule.forRoot(appRoutes, { useHash: true })],

providers: [],

bootstrap: [AppComponent]

})

**4-we will create component Menu**

<div style="padding:5px">

<ul class="nav nav-tabs">

<li routerLinkActive="active">

<a routerLink="home">Home</a>

</li>

<li routerLinkActive="active">

<a routerLink="employees">Employees</a>

</li>

</ul>

</div>

**5-we will modify the app.module.html**

<app-menu></app-menu>

//we will write the following below command that will control the routing navigation

<router-outlet></router-outlet>