**ADDING CHILD ROUTES**

1. We will add a Products component view. Products include two child ren: *list* and *detail*, accessible through child routes:

/products will map to the ProductsComponent.

/products/list child route will map to ProductsListComponent

/products/detail/:id child route will map to ProductsDetailComponent

1. The Products component and its child components already exist in src/app/products
2. Import the ProductsModule.

**import { ProductsModule } from './products/products.module';**

1. Add ProductsModule to the *imports* array as shown below, with a comma between ProductsModule and AppRoutingModule. ***Import AppRoutingModule last.***

imports: [

BrowserModule,

FormsModule,

HttpClientModule,

**ProductsModule,**

AppRoutingModule

],

1. Add a route for the Products component in src/app/app-routing.module.ts
2. Import the products component after all the other imports.
3. Add the following route to the appRoutes array. *Place it after the about route and before the admin route:*

,{path: 'about', component: AboutComponent }

,{path: 'products', component: ProductsComponent }

,{path: 'admin', component: AdminComponent, canActivate: [AuthService] }

1. Save and close the file.
2. Open src/app/products/products-routing.module.ts.
3. Notice how the child route table is setup.

const productsRoutes: Routes = [

{

path: 'products',

component: ProductsComponent, children: [

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

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

{ path: 'detail/:id', component: ProductsDetailComponent }

]

}

];

1. In src/app/products/products.component.html:
2. Notice that it has <router-outlet></router-outlet> where the components matching the child routes will be inserted.
3. Add a button to allow navigation to the Products component in src/app/app.component.html file.
4. Add the following products button element right after the admin button element:

<input type=button [routerLink]="['/admin']" routerLinkActive="active" value="Admin" >

<input type=button [routerLink]="['/products']" routerLinkActive="active" value="Products" >

</div>

1. Save and close the file.
2. Test: The default child component will be the product list. Clicking on the List or Detail buttons will navigate between the two child components. Clicking on an item in the list will also navigate to the detail screen.