Understanding Angular modules (NgModule) and their scopes

**he purpose of a NgModule is to declare each thing you create in Angular, and group them together**

declarations: [components, pipes, directives] – things that are used in or for displaying data.

**Providers:[** **services** **] – classes used in getting data**

NgModule and scopes / visibility

**components are in local scope(usable only in current module) and have to be declared in exports.**

**services are (generally) in global scope** (any where in the app)

Module Imports;

**if the module is imported for components, you’ll need to import it in each module**

**if the module is imported for services, you’ll need to import it only once**

**Routing Basics:**

**1)define a base url in index.html**

<base href="/">

**2)define a Routes array by importing routes class from ‘@angular/routes’.**

const appRoutes: Routes = [

{path:"crisis-center",component:CrisisListComponent},

{path:"heroes",component:HeroListComponent}

]

**3)import RouterModule**

**Add routes array to forroot method.**

**4)now go to component where you want to use this navigations**

**5) in link give routerLink = “/crisis-center”**

**6) paste routerOutlet where you want to display**

{path:"crisis-center",component:CrisisListComponent,pathMatch = "prefix"},

{path:"heroes",component:HeroListComponent, pathMatch = "full"}

**1)path Match = full**

**Ramaining path should match 100% of the path attribute specified**

**2)path Match = prefix**

**Remaining Path should begin with the path attribute specified**