Navigation and Routing

Agenda

01   **What is Navigation**

02   **What is Routing**

03   **How to implement routing**

04   **How to pass route parameters**
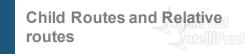
05   **Child Routes and Relative routes**

Navigation and Routing

The browser is a familiar model of application navigation:

- Enter a URL in the address bar and the browser navigates to a corresponding page.

- Click links on the page and the browser navigates to a new page.

- Click the browser's back and forward buttons and the browser navigates backward and forward through the history of pages you've seen.

- The Angular Router enables navigation from one view to the next as users perform application tasks.

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

const appRoutes: Routes = [

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

 { path: 'hero/:id', component: HeroDetailComponent },

{ path: 'heroes', component: HeroListComponent, data: { title: 'Heroes List' } },

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

{ path: '**', component: PageNotFoundComponent } ];

@NgModule(

{ imports:

 [ RouterModule.forRoot( appRoutes )

// other imports here ], ... })

 export class AppModule  { }
```

Routing Demo

Demo