

CODE:

```
<> app.html x TS app.ts TS a
my-angular-app ▸ src ▸ app ▸ <> app.html
1 <h1>{{title}}</h1>
2 <app-heroes></app-heroes>
```

```
<> app.html TS app.ts x TS app-module.ts <> heroes.htm
my-angular-app ▸ src ▸ app ▸ TS app.ts ▸ ...
1 import { Component, signal } from '@angular/core';
2 import {Heroes} from './heroes/heroes'
3 import {CommonModule} from '@angular/common'
4
5 @Component({
6   selector: 'app-root',
7   templateUrl: './app.html',
8   standalone: true,
9   styleUrls: ['./app.css'],
10  imports: [CommonModule,Heroes]
11 })
12 export class App {
13   title = 'my-angular-app';
14 }
15 |
```

```
my-angular-app ▸ src ▸ app ▸ TS app-module.ts ▸ AppModule
1  import { NgModule, provideBrowserGlobalErrorListeners } from '@angular/core';
2  import { BrowserModule } from '@angular/platform-browser';
3  import { FormsModule } from '@angular/forms';
4  import { AppRoutingModule } from './app-routing-module';
5  import { App } from './app';
6  import { Heroes } from './heroes/heroes';
7
8  @NgModule({
9    declarations: [
10
11    ],
12    imports: [
13      BrowserModule,
14    ],
15    providers: [
16      provideBrowserGlobalErrorListeners()
17    ],
18    bootstrap: [App]
19  })
20  export class AppModule { }
```

```
my-angular-app ▸ src ▸ app ▸ heroes ▸ heroes.html ▸ div ▸ div
1  <h2>My Heroes</h2>
2  <ul class="heroes">
3    <li *ngFor = "let hero of heroes">
4      <button type = "button"
5        [class.selected] = "hero === selectedHero" (click)="onSelect(hero)">
6        <span class = "badge">{{hero.id}} </span>
7        <span class = "name">{{hero.name}} </span>
8      </button>
9    </li>
10 </ul>
11
12 <div *ngIf = "selectedHero">
13   <h2>{{selectedHero.name | uppercase}} Details</h2>
14   <div id: {{selectedHero.id}}>
15     <div>
16       <label for="hero-name"> Hero Name:</label>
17       <input type="text" id="hero-name"
18         [(ngModel)] = "selectedHero.name" placeholder = "name">
19     </div>
20   </div>
21 </div>
```

```
<> app.html    TS app.ts    TS app-module.ts    <> h
my-angular-app ▸ src ▸ app ▸ heroes ▸ TS heroes.ts ▸ ...
 1  import { Component } from '@angular/core';
 2  import { Hero } from '../hero';
 3  import { FormsModule } from '@angular/forms'
 4  import { HEROES } from '../mock-heroes';
 5  import {
 6    /**... */
 7    NgFor, NgIf, UpperCasePipe
 8    /**... */ } from '@angular/common';
 9
10  @Component({
11    selector: 'app-heroes',
12    standalone: true,
13    templateUrl: './heroes.html',
14    styleUrls: ['./heroes.css'],
15    imports: [
16      NgFor, NgIf, FormsModule, UpperCasePipe
17    ]
18  })
19  export class Heroes {
20    heroes = HEROES;
21    selectedHero?:Hero;
22    onSelect(hero:Hero): void{
23      this.selectedHero = hero;
24    }
25  }
```

```
my-angular-app ▸ src ▸ app ▸ TS hero.ts ▸ Hero
 1  export interface Hero {
 2    id: number,
 3    name: string
 4  }
```

```
<> app.html TS app.ts TS app-module.ts <>
my-angular-app ▸ src ▸ app ▸ TS mock-heroes.ts ▸ [🔍] HEROES
1  import {Hero} from './hero';
2
3  export const HEROES: Hero[] = [
4      {id:12 , name: 'Dr. Nice'},
5      {id:13 , name: 'Iron Man'},
6      {id:14 , name: 'Hulk'},
7      {id:15 , name: 'Thor'},
8      {id:16 , name: 'Black Widow'},
9      {id:17 , name: 'Spiderman'},
10     {id:18 , name: 'Wolverine'},
11     {id:19 , name: 'Deadpool'},
12     {id:20 , name: 'Storm'},
13 ]
```

OUTPUT:

my-angular-app

My Heroes

- 12 Dr. Nice
- 13 Iron Man
- 14 Hulk
- 15 **Thor**
- 16 Black Widow
- 17 Spiderman
- 18 Wolverine
- 19 Deadpool
- 20 Storm

THOR Details

id: 15
Hero Name: