

### Observables VS Promises

**OBSERVABLES** work with multiple values over time cancellable support map, filter, reduce and similar operators use Reactive Extensions (RxJS) an array whose items arrive asynchronously over time emits a single value, .

**PROMISES** return a single value not cancellable more readable code with try/catch and async/await

### Router

RouterOutlet is one of the router directives that became available to the AppComponent because AppModule imports AppRoutingModule which exported RouterModule.

Add a navigation link (routerLink) /ABSOLUTE PATH

RELATIVE PATH

add a parameterized route (:id) in the path indicates that :id is a placeholder for a specific hero id.

### BINDING

Property binding –[]  
{{}}

Event Binding –()  
For forms keypress use – (input)=method

Two-way binding – [(holds comp value)]

When ngModel is used.. import formModules in app.module

After import add modules in import section

Name and ngModel must be used tog

### Directives

Directives are for attribute. Giving power to element..

Structural – changes dom \*ngIf. Else name.. renders only inside <ng-template #name(reference)> </ng-template>

\*ngFor | let i=index; let f=first;

Unstructural

[ngClass] = “{‘classname’: condition}” | methodName()

[ngStyle]= “{‘prop value’: condition ? ‘value’ : ‘value’}”

Inside element use <ng-content>

Local Reference -> get all info from html ele.

#anyname to the ele.

### PIPES| SERVICES

Pipes are a good way to format strings, currency amounts, dates and other display data.

Services

Services are a great way to share information among classes that don't know each other.

### HTTP

HTTP data persistence features with help from Angular's HttpClient.

The HeroService gets hero data with HTTP requests.

Users can add, edit, and delete heroes and save these changes over HTTP.

Users can search for heroes by name.

communicating with a remote server over HTTP.

### @ViewChild

change the behavior or appearance of an element in our template from our component class

@ViewChild because we have only a single instance of it, but we have multiple todo items, so for them we need to apply the @ViewChildren decorator.



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