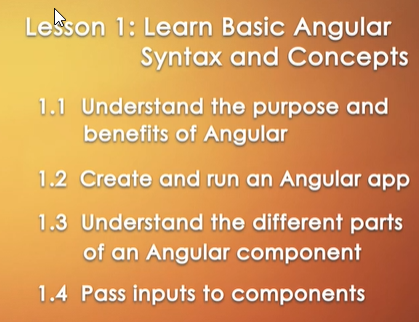


A white text on a yellow background

Description automatically generated



A list of components on a screen

Description automatically generated with medium confidence

A close up of a sign

Description automatically generated

A close up of a sign

Description automatically generated

A black text on a white background

Description automatically generated

A close up of a sign

Description automatically generated

A close up of a sign

Description automatically generated

A white background with black text

Description automatically generated

A black text on a white background

Description automatically generated

Angular: Framework, React: Library

Angular: right way to do a thing, React: Many ways to do same thing.



Much easier to transfer over gradually and used in case of existing web apps. Angular used when want to build from scratch.

A close up of a sign

Description automatically generated

A screenshot of a computer

Description automatically generated

A blue background with white text

Description automatically generated



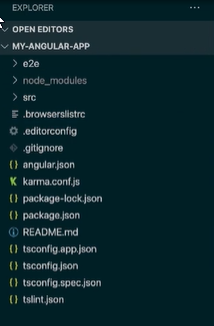
npm install -g @angular/cli









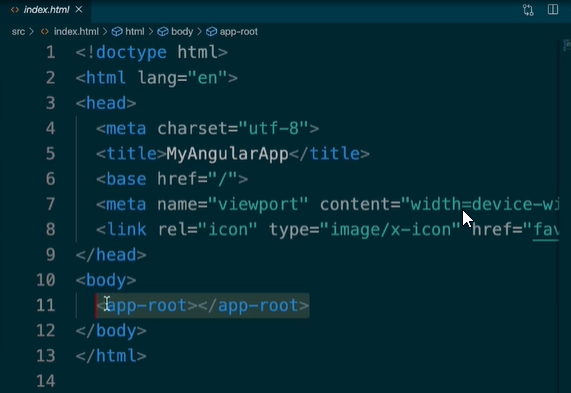


Setup done, Check version of node, npm, install angular cli, ng new my-angular-app, code. to launch vs code



A computer screen with white text

Description automatically generated



A screenshot of a computer

Description automatically generated

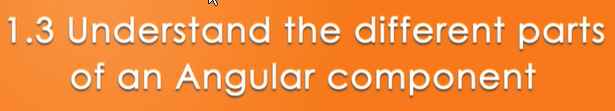
The whole app component is rendered inside the app-root tag inside index.html.

A screenshot of a computer

Description automatically generated

spec.ts: contains the tests for our components

routing.module.ts file: contains routing logic for our file



A screen shot of a computer program

Description automatically generated

app.component delete all boilerplate code but keep the router-outlet, and paste the app-example.





ng serve -o; opens automatically in a browser.



A close up of a sign

Description automatically generated



Hot reloading, automatically updates.

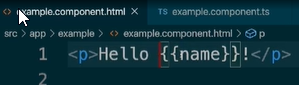
A screen shot of a computer

Description automatically generated

A screen shot of a computer screen

Description automatically generatedHow inputs/ Passing inputs to components look like.

Import Input in example.component.ts file, add 9th line





A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A close up of a sign

Description automatically generated

To hide certain components where we need to, we something called Structural- Directives in Angular.

A screen shot of a computer code

Description automatically generated

Display few attributes inside example.component.html

A screen shot of a computer

Description automatically generated

A screen shot of a computer program

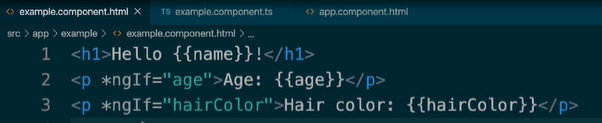
Description automatically generated

A screenshot of a computer

Description automatically generated

If we want to hide certain components like age or hair color if we did not pass any input for those,

We use structural directives, \*ngIf



A screenshot of a computer

Description automatically generated

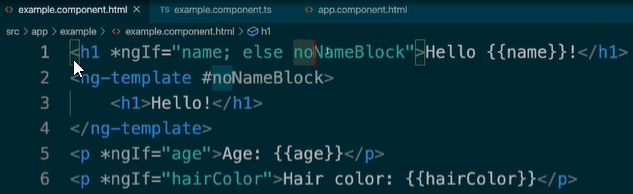
A screen shot of a computer program

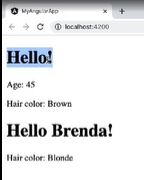
Description automatically generated

A screenshot of a computer

Description automatically generated

What if, no name is given, we just want to display Hello.



If name exists display first element, else display noNameBlock template.

A screen shot of a computer program

Description automatically generated

A screenshot of a computer

Description automatically generated

A computer screen shot of a computer code

Description automatically generated

A close up of a sign

Description automatically generated

A screen shot of a computer program

Description automatically generatedIf want to display a list of elements on the screen.

A computer screen shot of a program code

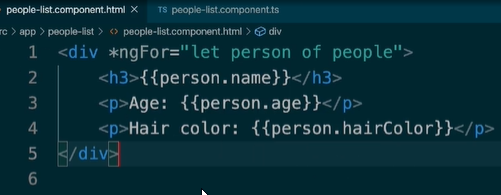
Description automatically generatedGenerates new component called people-list

A screen shot of a computer program

Description automatically generated

A screenshot of a computer

Description automatically generated



For each loop, using \*ngFor= “let person of people”

So now, we go to our app.component and display our people-list.component

Tag we get from the selector in ts file of people list component.

A screenshot of a computer

Description automatically generated

A computer screen shot of a program

Description automatically generated



Restart using ng s, or ng start.

A screenshot of a phone

Description automatically generated

\*ngIf and \*ngFor cannot be used in the same line together.

A screen shot of a computer program

Description automatically generated

A screen shot of a computer program

Description automatically generated

A computer screen shot of a computer code

Description automatically generated



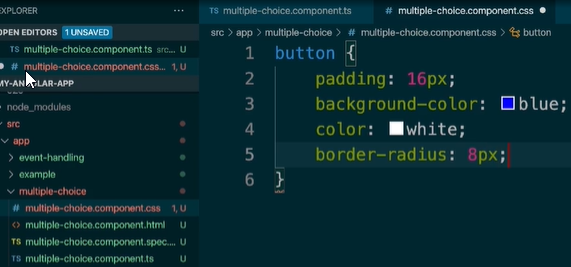
A screenshot of a computer

Description automatically generated

Boolean false hides our list, using ngif and ngfor nested and people list component.ts

A close up of a sign

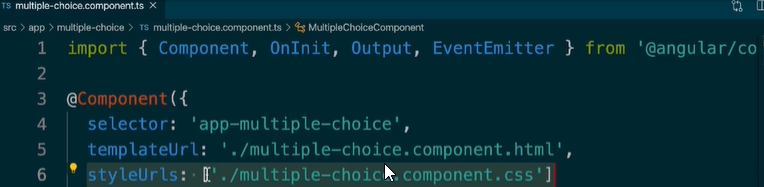
Description automatically generated



In a new component.

A screenshot of a computer

Description automatically generated



A screenshot of a computer

Description automatically generated

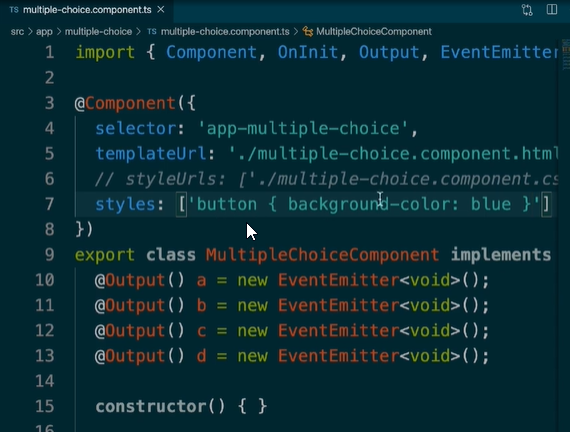
Remove styles

A screenshot of a computer

Description automatically generated

Styling goes back to normal.

Component specific styling, only apply to the specific DOM/component, if this css code is put inside app.component.css, styles will not show up, even though the multiple choice component is inside app component.

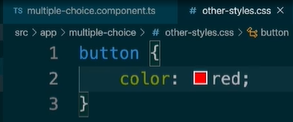


A screenshot of a computer

Description automatically generatedAnother way to define styles is inside our component decorator.

A screen shot of a computer

Description automatically generatedIn styleUrls, we can pass multiple file paths to it, if we want styles from several css files to be sort of combined.



A screen shot of a computer program

Description automatically generated

A computer screen shot of a computer code

Description automatically generatedA screenshot of a computer

Description automatically generated

A close up of a sign

Description automatically generated



A screen shot of a computer

Description automatically generated

A screen shot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generatedCall the doSomething method, on click of the created button.

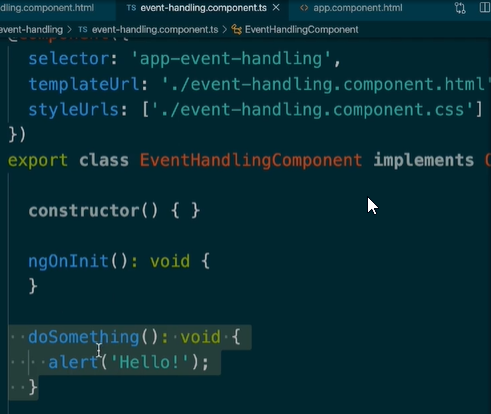


Open app.component and display the app-event-handling component inside.

A close-up of a computer screen

Description automatically generated

Obviously you can have multiple methods inside the EventHandlingComponent .ts file.



A computer screen shot of a program code

Description automatically generated

A screen shot of a computer

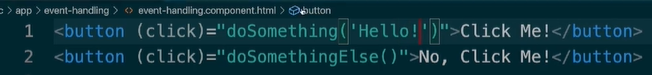
Description automatically generated

A white and grey background

Description automatically generated with medium confidence

A screen shot of a message

Description automatically generated



A computer screen with a black arrow

Description automatically generated

A screenshot of a computer

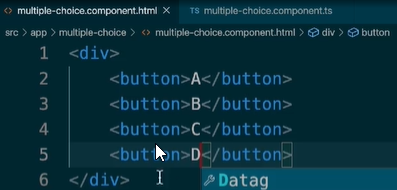
Description automatically generated

A computer screen with a black text

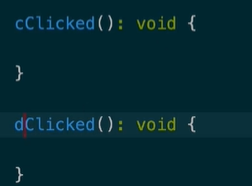
Description automatically generated

A close up of a text

Description automatically generatedBasics behind basic event handling in Angular.





In multiple-choice.component.ts

A screen shot of a computer program

Description automatically generated

<button (click)=”aClicked()”>A</button>

A screenshot of a computer

Description automatically generated

Import Output and Event Emitter.



In class inside .ts.

A screenshot of a computer program

Description automatically generated

A computer screen shot of a computer code

Description automatically generated

.emit() for all of the events.

A screen shot of a computer program

Description automatically generated

In app.component.html