

Angular Directives

***** What is Directives in Angular?

In Angular, Directives are nothing but classes that extends the existing behaviour of an elements in the template.

Directive are also use for conditional rendering of element.

Directives add power to the html element with new syntax.

In Angular there are three types of directive.

- 1. Component Directive.
- 2. Structural Directive.
- 3. Attribute Directive.
- 4. Custom Directive.

1. Component Directives :-

Angular Component are the special directive in angular . as they are capable to define part of DOM object or manipulate DOM object.

2. Structural Directives:-

Structural directive are used to make changes in the layout of the DOM. Elements can be added or removed, hence changes in DOM structure are happens.

There are several build in structural directives as below.

- 1. *ngIf
- 2. *ngFor
- 3. *ngSwitch



Angular Directives

1. *ngIf:- this build in directive allows us to achieve expression based rendering of an elements.

Example:

◆ Snippit of app.component.ts.

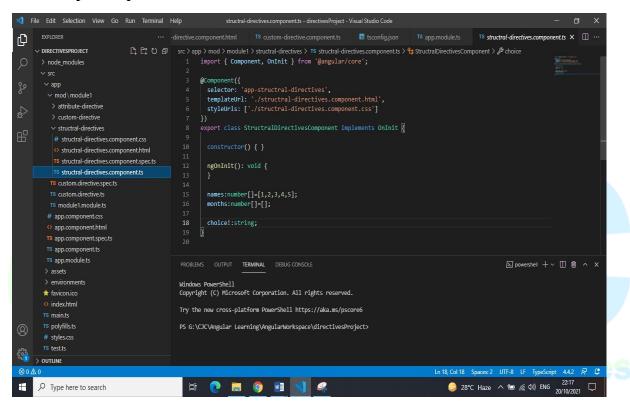
◆ Snippit of app.component.html



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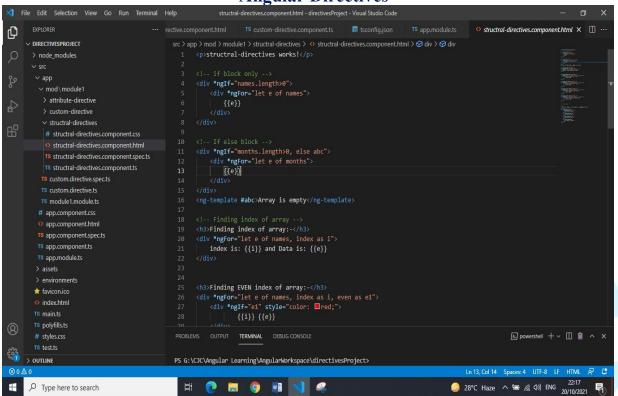
Note:- ng-template defines the template that doesn't render by default.

◆ Example Snap:-





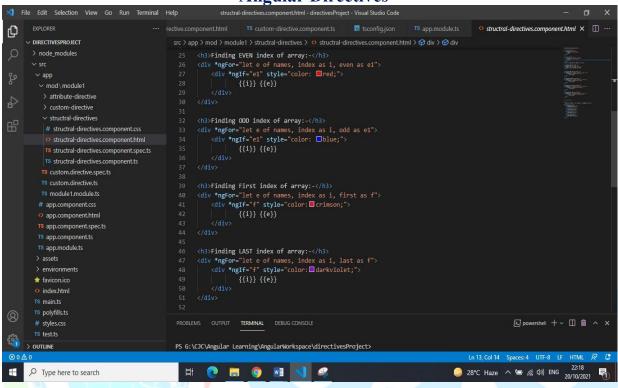
Angular Directives



Complete Java Classes



Angular Directives



Complete Java Classes

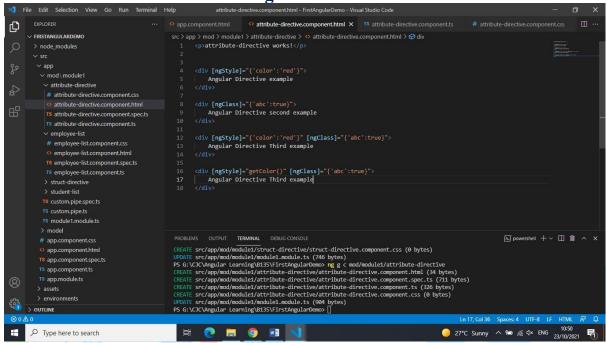
1) Attribute Directive

i)ngStyle

ii)ngClass



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Complete Java Classes



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