

Components

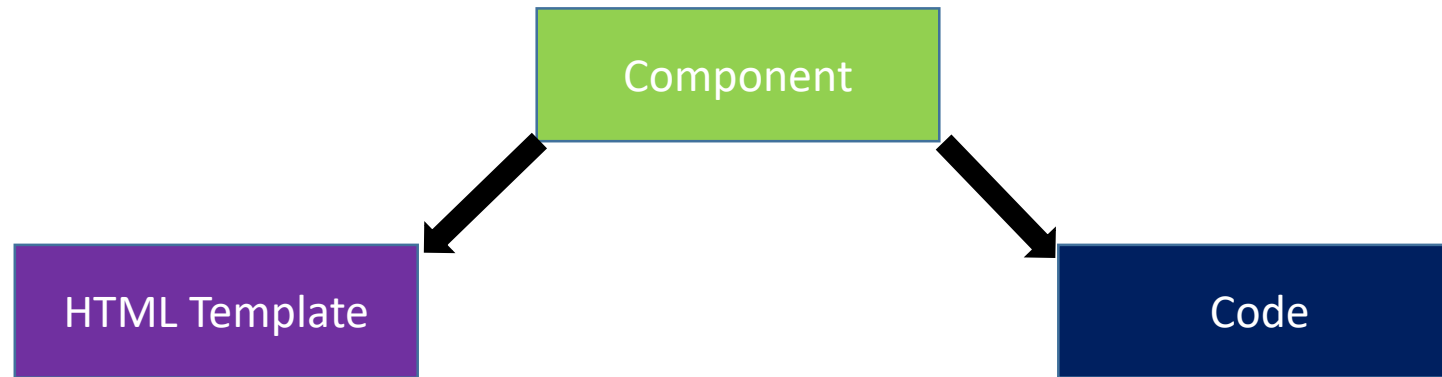


Components


❑ What is a Component?

- Components are the most basic building block of an UI in an Angular application
- A component controls the view, and declares reusable UI blocks
- Anything visible to the end user

Component



Component

- Building blokes of Angular
- Made up of: The diagram shows the text "Made up of:" followed by two adjacent rectangular boxes. The left box is purple and contains the text "HTML Template". The right box is dark blue and contains the text "Code".
 - HTML Template
 - Code
- Has a "selector": `<app-students></app-students>`

What's In Component Code

imports

```
import { Component } from '@angular/core';
```

decorators

```
@Component({  
  selector: 'app-root',  
  templateUrl: './app.component.html',  
  styleUrls: ['./app.component.css']  
})
```

class

```
export class AppComponent {  
  
}
```

Naming conventions

➤ Naming the component file

- [name].component.ts
- dash-case (kebab-case)

➤ Naming the component (class)

- Pascal case
- [Name]Component

Metadata

- @Component is a decorator function which contains metadata for the component.
- Some of the metadata properties:
 1. selector
 2. template
 3. templateUrl
 4. styles
 5. styleUrls