# Create Angular Custom Pipe

## 1. Setup Project

### 1.1 Install Dependencies

1. Change directory to calab:

* cd calab

1. Install dependencies by running the following command:

* npm install

## 2. Create Pipe

### 2.1 Create a new Pipe and Implement it’s logic

1. Create a new Reverse pipe using CLI:

* npx -p @angular/cli ng generate pipe reverse

1. Open src/app/reverse.pipe.ts file and replace current transform function with the following code:

* transform(value: string, ...args: unknown[]): unknown {  
   return value.split("").reverse().join("");  
  }

### 2.2 Inject ReversePipe into AppComponent

1. Inside src/app/app.component.ts update imports to include Reverse:

* import {ReversePipe} from './reverse.pipe'  
  ...  
  imports: [RouterOutlet, ReversePipe],

1. Inside src/app/app.component.html use ReversePipe:

* <h1>Hello, {{ title | reverse }}</h1>

### 2.3 Start The Application

1. Start Angular Development Server if not yet started:

* npx -p @angular/cli ng serve
* *Otherwise refresh the browser tab to see updated view.*

1. Inspect the Rendered Screen, you should see title calab being reversed.