Angular Project Setup Guide

Install Angular CLI globally (only once per system)

```
npm i -g @angular/cli
```

- Installs Angular CLI so you can use `ng` commands everywhere.

Create a new Angular project

```
ng new ProjectName
```

- Generates a new Angular project with default structure and config.

Go into the project folder

```
cd ProjectName
```

- Moves you into your project directory.

Install Bootstrap (optional for styling)

```
npm i bootstrap
```

- Installs Bootstrap so you can use its CSS/JS in your Angular app.

Generate a new component

```
ng g c ComponentName
```

- Creates a new Angular component (HTML, CSS, TS, spec files).

Generate a new class (if needed)

```
ng g class ClassName
```

- Creates a new TypeScript class (for models, utilities, etc.).

Run the Angular project in browser

```
ng serve -o
```

```
npm start
```

- Compiles and serves your app on http://localhost:4200 (the `-o` flag auto-opens your browser).