

# Angular Cheat Sheet

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## 1. Common CLI Commands

- `ng new project-name` - Create a new Angular project
- `ng serve` - Run the application locally
- `ng generate component component-name` - Generate a new component
- `ng build` - Build the application for production

## 2. Decorators

- `@Component` - Defines a component
- `@NgModule` - Defines a module
- `@Injectable` - Defines a service

## 3. Directives

- `*ngIf` - Conditionally include a template
- `*ngFor` - Repeat a node for each item in a list
- `[ngClass]` - Conditionally apply classes

## 4. Data Binding

- `{{ expression }}` - Interpolation
- `[property]` - Property binding
- `(event)` - Event binding
- `[(ngModel)]` - Two-way data binding

## 5. Services and Dependency Injection

- `ng generate service service-name` - Create a new service
- Inject services in components using the constructor

## 6. Routing

- Define routes in `app-routing.module.ts`
- `[routerLink]` - Link to routes
- `<router-outlet>` - Placeholder for routed components

## 7. Forms

- Template-driven forms: Use Angular directives in templates
- Reactive forms: Use `FormBuilder` to create forms

## 8. Pipes

- `DatePipe` - Format dates
- `CurrencyPipe` - Format currency
- Create custom pipes using `@Pipe` decorator

