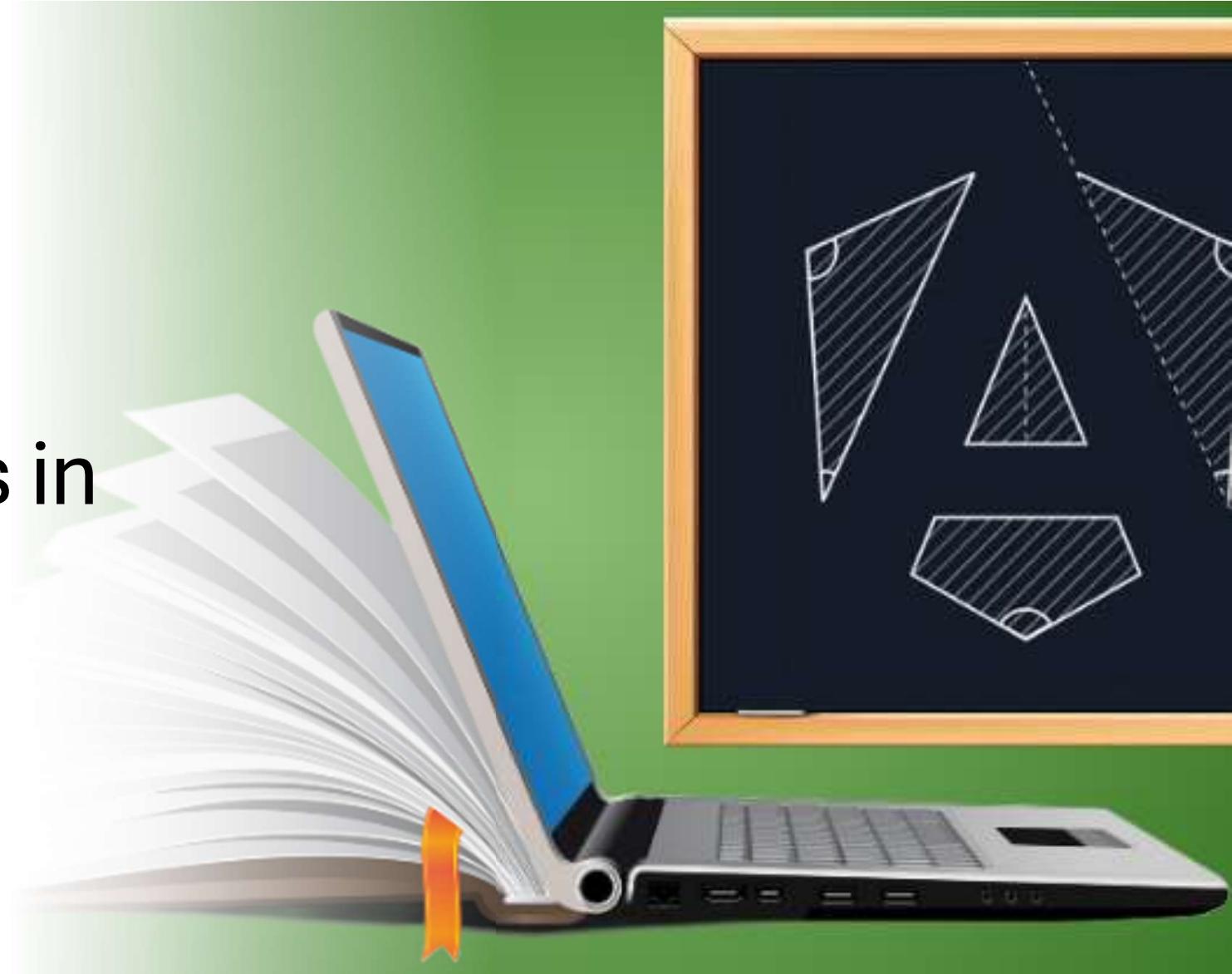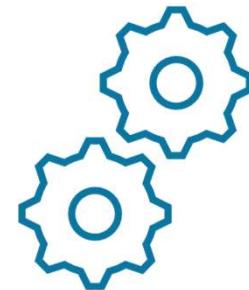# Custom Directives in Angular

Angular Template Engine

```
<app-button [app-tooltip]>
  {{caption | capitalize}}
</app-button>
```

JS

Angular Template Artifacts

Component: app-button

Directive: app-tooltip

```
<app-button [app-tooltip]>
  {{caption | capitalize}}
</app-button>
```

Pipe: capitalize

Angular Template Artifacts

```ts
// button.component.ts
@Component({
…
})
class ButtonComponent {
}
```

```ts
// tooltip.directive.ts
@Directive({
…
})
class TooltipDirective {
}
```

```ts
// capitalize.pipe.ts
@Pipe({
…
})
class CapitalizePipe {
}
```