

# Templates (Final)

By: Mosh Hamedani

## Showing / hiding elements

```
<div [hidden]="courses.length == 0"></div>
```

```
<div *ngIf="courses.length > 0"></div>
```

```
<div [ngSwitch]="viewMode">
  <template *ngSwitchCase="'map'" ngSwitchDefault>
    ...
  </template>
  <template *ngSwitchCase="'list'">
    ...
  </template>
</div>
```

## Pipes

```
{{ course.title | uppercase }} -> ANGULAR COURSE
{{ course.students | number }} -> 1,234
{{ course.rating | number:'2.2-2' }} -> 04.97
{{ course.price | currency:'USD':true }} -> $99.95
{{ course.releaseDate | date:'MMM yyyy' }} -> Mar 2016
{{ course | json }}
```

## Creating Custom Pipes

```
import { Pipe, PipeTransform } from '@angular/core';

@Pipe({ name: 'summary' })
export class SummaryPipe implements PipeTransform {
  transform(value: string, maxWords: Number) {
  }
}
```

Then, you need to register in AppModule or the module it belongs to:

```
@NgModule({
  declarations: [SummaryPipe]
})
```

## Applying multiple classes dynamically

```
<i [ngClass]="{
  active: isActive,
  disabled: isDisabled
}"></i>
```

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## Applying multiple styles dynamically

```
<button  
  [ngStyle]="{  
    backgroundColor: canSave ? 'blue': 'gray',  
    color: canSave ? 'white' : 'black'  
  }"></button>
```

## Elvis operator

```
{{ task.assignee?.role?.name }}
```

## Inserting content from the outside

```
<ng-content></ng-content>
```

## Multiple content placeholders

```
<ng-content select=".heading"></ng-content>  
<ng-content select=".body"></ng-content>
```