



# ANGULAR 2 FUNDAMENTALS

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*December 13, 2017*

# PART 5

# RECAP

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- ANGULAR
- TYPESCRIPT
- INSTALLATION & FILES
- ANGULAR CLI
- BOOTSTRAP & JQUERY
- PROGRAM FLOW
- COMPONENTS
- DATA BINDING
  - STRING INTERPOLATION
  - PROPERTY BINDING
  - EVENT BINDING
  - PASSING DATA
- DIRECTIVES

# BUILT IN DIRECTIVES(NGIF)

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```
<div class="container">  
  <div *ngIf="false"></div>  
  <div *ngIf="a > b">greater</div>  
  <div *ngIf="str == 'yes'">yes</div>  
  <div *ngIf="myFunc()">True</div>  
</div>
```

# (NGIF ELSE)

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**<h3>If Else</h3>**

**<div \*ngIf="isValid; else isValidFalse">  
  True  
</div>**

**<ng-template #isValidFalse>  
  False  
</ng-template>**

# NGSWITCH

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```
<div class="container" [ngSwitch]="myVar">  
  <div *ngSwitchCase="'A'">Var is A</div>  
  <div *ngSwitchCase="'B'">Var is B</div>  
  <div *ngSwitchDefault>Var is something else</div>  
</div>
```



# NGSTYLE

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```
<div [style.background-color]='''yellow''>
```

Uses fixed yellow background

```
</div>
```

```
<div [ngStyle]=''{color: 'white', 'background-color': 'blue'}''>
```

Uses fixed white text on blue background

```
</div>
```

# NGCLASS

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```
.bordered {  
  border: 1px dashed black;  
  background-color: #eee; }
```

```
<div [ngClass]="{bordered: false}">This is never bordered</div>
```

```
<div [ngClass]="{bordered: true}">This is always bordered</div>
```



# NGFOR

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```
this.cities = ['Miami', 'Sao Paulo', 'New York'];
```

```
<div class="ui list" *ngFor="let c of cities">  
  <div class="item">{{ c }}</div>  
</div>
```

# EXERCISE

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- Create a new angular app
- Use ngif, ngif else
- Sample of ngswitch
- Sample of ngstyle
- Sample of ngclass
- Lastly sample of ngeor

**END OF PART 5**