

Angular 17 With the built-in statements, this conditions will look like this.

(@if,@switch,@for)

#### 1) @if() condition

```
@if (loggedIn) {  
    // if the condition is true  
}@else-if(condition)  
{  
}  
  
@else {  
    // else block  
}
```

#### 2) switch case

```
@switch (accessLevel) {  
    @case ('admin') { <admin-component/> }  
    @case ('user') { <user-component/> }  
    @default { <guest-component/> }  
}
```

#### 3) for-loop

```
@for (user of users; track user.id) {  
    {{ user.name }}  
} @empty {
```

Empty list of users

```
}
```

4) @defer

```
@defer ( on <trigger>; when <condition>; prefetch on <trigger>; prefetch when <condition> ) {
```

```
<calendar-cmp />
```

```
} @placeholder ( minimum? time ) {
```

```
<p>Placeholder</p>
```

```
} @loading ( minimum? time; after? time ) {
```

```

```

```
} @error {
```

```
<p>error occured</p>
```

```
}
```

- defer block is used to trigger the block when the condition is true, conditions like (placeholder,loading,error)
- placeholder will execute before defer loads
- loading will execute when the webpage take time to respond
- error will execute when error showsup

And in defer we use triggers like(on idle,on viewport,on interaction,on hover,on immediate,on timer,when <condition>)

- on idle when the browser reports idle state
- on viewport when the element enters the viewport
- on interaction when touched
- on hover when element has been hovered
- on immediate when the page finishes rendering
- on timer after a timeout
- when <condition> on a custom condition

