**91. ngFor and ngIf Recap**

* -: I have prepared a little project, which you, as always, can find attached to this lecture here, and it's a super simple project.
* We got a button where we can toggle to only see odd numbers but right now we don't see any numbers because, whilst I do have an array of numbers here in my app component type script file, I'm not outputting it here.
* However, I did set up a list.
* So with this, why don't we go ahead and simply add ng4 with a star since it is a structural directive to this list item.
* And then we could simply say let number of numbers.
* We already learned this syntax and we could also extract the index if we wanted but we don't need that here.
* So that is our single number and that, of course, allows it to now output it here.
* We can output it anywhere inside this element we placed ng4 on, so on any nested elements too.
* With that, we're outputting the number and now we see one, two, three, four, five.
* The button still doesn't do anything, though.
* The reason for this is that while right now we do something upon clicking, we set only odd, which is this property, to what it currently is not.
* So if it was false, we set it to true and the other way around, but we're not using this information.
* Let's use it.
* Now, we could try replacing ngIf on the same element we already have ng4 on and check if number modulus, so the percentage sign, two If that is equal to zero which would mean now we only display even elements, right? If we do this, we get an error because ***we can't have more than one structural directive on the same element.***
* It just doesn't work.
* But we don't need that.
* We can change it differently.
* We can simply make a tiny change to our main app here and implement odd numbers, which is one, three, and five.
* And then, of course, even numbers.
* And that is just a demo app for directives, right, so that might not be the best solution for your app where you really need this behavior.
* Later in the pipe section you will learn how to dynamically filter an array, for example.
* So here even would be two and four.
* With that, I'm going to comment out the first numbers array and instead here I'll loop through all my oddNumbers and I'll put odd here.
* And, of course, we can do the same for the even numbers now.
* So even of evenNumbers.
* And now to display only one of the two, we can simply wrap them in, let's say, a div.
* So let's put the list item inside of the div and on the div, we could place ngIf and now the first one should only be displayed if only odd is true.
* And let's do the same for the second one here.
* Let's place them in here.
* And we place ngIf on that too, where we check if not onlyOdd, and maybe also replace even here.
* We now see we can toggle between the two lists.
* So this is now working with ng4 and ngIf.
* Nothing new, something we already learned.
* So these are the two structural directives we learned about and how we may use them and that you can't combine them on the same element.
* Before we dive deeper into this, let's also have a look at the two attribute directives we learned thus far.
* Two of the most prominent ones.