**165. Retrieving Route Parameters**

* Instructor: So, we added our routes for the edit component.
* Now, let's go to that component and retrieve the ID, and therefore determine whether we are in edit mode or not.
* I will inject the activated route in there, as you learned it before, from at angular router.
* And then NG On Init, this is a good place to now retrieve the ID.
* As before, I want to do this dynamically.
* So I will use my route and the params observable and subscribe to that.
* And here I will receive my params, which are of type params.
* And here I then want to retrieve the ID on which I am currently working.
* I will store the ID here in a property named or of not named, named ID, but of type number, so.
* So here I this ID equal to plus to convert it into a number, params ID, because that's the name of our dynamic parameter in our route set up, right? With that, we retrieve that ID here, but I also want to find out whether I'm editing the recipe, or creating a new one.
* I actually want to store this information in a new property, edit mode maybe.
* I'll set it to false initially.
* So, initially could say we assumed that we are creating a new recipe, we are not in edit mode.
* Now, I will check this whenever the parameters change.
* Then I will assign a new value to edit mode.
* And here I will simply assign the value of the following check.
* I want to see if params has an ID property.
* So, if it has one, then this will actually be a string with the ID.
* Otherwise it will be undefined.
* So, by comparing it to null and checking if it is not null, I'm checking: Does it have the ID? Because params, and that there the ID, will only be not undefined if we are in edit mode, because then an ID will be present.
* If this check returns true, so if the ID indeed is undefined, and therefore equal to null, this will return false because I'm checking the opposite, and therefore, we are in new mode.
* And we can check this by simply logging it in the console here.
* Edit mode.
* Let's see if this works.
* We're at 0 edit here, and it returns true, And now we're at new, and it returns false.
* So, that seems to work.
* This is a nice way of checking in which mode we are.
* So with that, we are able to retrieve the ID of the element we want to edit, and to find out whether we are in edit mode or not.
* Now I want to make this edit link here work and the new recipe link because these are both things that are not working as of now.
* Let's work on this next.
* And actually, this is a nice challenge for you.
* Make these links work.
* Make sure that when we click this link or this button, we get taken to the recipes new page or the recipes edit page for that respective recipe we had loaded.
* It's a nice challenge for you.
* In the next lecture, we can view my solution together.