**Creating a list**

Let us create our first list! To construct a list you use the function [list()](http://www.rdocumentation.org/packages/base/functions/list):

my\_list <- list(comp1, comp2 ...)

The arguments to the list function are the list components. Remember, these components can be matrices, vectors, other lists, ...

**Creating a named list**

Well done, you're on a roll!

Just like on your to-do list, you want to avoid not knowing or remembering what the components of your list stand for. That is why you should give names to them:

my\_list <- list(name1 = your\_comp1,

name2 = your\_comp2)

This creates a list with components that are named name1, name2, and so on. If you want to name your lists after you've created them, you can use the names() function as you did with vectors. **The following commands are fully equivalent to the assignment above:**

my\_list <- list(your\_comp1, your\_comp2)

names(my\_list) <- c("name1", "name2")

# Creating a named list (2)

Being a huge movie fan (remember your job at LucasFilms), you decide to start storing information on good movies with the help of lists.

Start by creating a list for the movie "The Shining". We have already created the variables mov, act and rev in your R workspace. Feel free to check them out in the console.

shining\_list <- list(moviename = mov, actors = act, reviews = rev)