[DataCamp](https://www.datacamp.com/)

[Course Outline](https://campus.datacamp.com/courses/free-introduction-to-r/chapter-6-lists?ex=6)

[1](https://campus.datacamp.com/courses/free-introduction-to-r/chapter-6-lists?ex=6)

**Selecting elements from a list**

Your list will often be built out of numerous elements and components. Therefore, getting a single element, multiple elements, or a component out of it is not always straightforward.

One way to select a component is using the numbered position of that component. For example, to "grab" the first component of shining\_listyou type

shining\_list[[1]]

A quick way to check this out is typing it in the console. Important to remember: to select elements from vectors, you use single square brackets: [ ]. Don't mix them up!

You can also refer to the names of the components, with [[ ]] or with the $ sign. Both will select the data frame representing the reviews:

shining\_list[["reviews"]]

shining\_list$reviews

Besides selecting components, you often need to select specific elements out of these components. For example, with shining\_list[[2]][1] you select from the second component, actors (shining\_list[[2]]), the first element ([1]). When you type this in the console, you will see the answer is Jack Nicholson.