# *4a.* Overview and Goals

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After studying functions, Chapter 4 covers another two core tools for programming: **conditions** and **for-loops**.

At this point, we'll simply define the concepts, without emphasizing much on the most effective ways to apply them. Basically, you should focus on the approaches and syntax to express conditions and for-loops.

We also relegate the analysis of techniques that combine functions, conditions, and for-loops. The following chapters will show that their simultaneous use gives rise to important concepts of Julia's language, such as in-place functions.