This Course: Advanced R Programming

Developing functions is a key aspect of programming in R and typically involves a bottom-up process.

1. Code is written to accomplish a specific task or a specific instance of a task.

2. The code is examined to identify key aspects that may be modified by other users; these aspects are abstracted out of the code and made arguments of a function.

3. Functions are written to accomplish more general versions of a task; specific instances of the task are indicated by setting values of function arguments.

4. Function code can be re-factored to provide better modularity and to divide functions into specific sub-tasks.

5. Functions can be assembled and organized into R packages.

Mark as completed