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Functions — Review, Continued

Calling a function — give its name, values for parameters. This is an
expression (in the same sense as, say, x+1) and — unless the function
returns void — has a value, which can be assigned to a variable, used as
part of a boolean expression for conditional execution, etc.

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• Since a function call is an expression — when we come to one, we evaluate it: Pause what's currently happening. Copy values of input variables to function's parameters. Execute code in function until we get to a return, or the ending curly brace. Whatever expression follows return is the function's (return) value. Continue execution in "caller" using return value.

Notice that executing code in the function may produce "side effects" (e.g., printing something).





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