





Conditional Expressions
Scala and Python both provide a way to include if/else idea within an expression.
C does too, but it's not as obvious — "ternary operator", e.g., int sign = (x >= 0) ? 1 : -1

• (E	The other conditional-execution construct you may encounter — switch assically a short form of if/elseif/else. Somewhat like match in Scala but
c s	<pre>char c; /* code to set value omitted */ witch (c) { case 'a': printf("first case\n"); break; case 'b': printf("second case\n"); break;</pre>
	<pre>default: printf("default\n");</pre>

Sli





• Functions in C are conceptually much like functions in other procedural programming languages. (Functions in object-oriented languages are similar but have some extra capabilities.)

I.e., a function has a name, parameters, a return type, and a body (some code).

- One difference between C and higher-level languages: You aren't supposed to use a function before you tell the compiler about it, either by giving its full definition or by giving a declaration that specifies its name, parameters, and return type. The function body can be later in the same file or in some other file.
- Also, C functions are not supposed to be nested (though some compilers allow it.)



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