













Java and Object Orientation
Java is not purely object-oriented — also includes "primitive types" for efficiency — but it's much more strongly object-oriented than a hybrid language such as C++.
Java programs consist of definitions of classes. (No free-standing functions like the ones in C.)
Java variables (except primitives) are references to objects, classes define types.
Classes, attributes, methods have varying "visibilities" (from public to private).

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Tools • Java programs are text, so you can write them with a text editor and compile and run them from the command line. (In fact I usually do.) • However, many professional programmers use an IDE (Integrated Development Environment), so we will too. It's Eclipse, and open-source, so you should be able to install a copy on your home machine if you like.

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