* Designed for Object-oriented programming
  + Everything is an object (almost)
* Strong data typing: Every variable must be declared as to its data type
  + Example:

int x

x=10;

* + Self documenting code
* Java programs must by compiled **before** they are executed
* Execution on a Java Virtual Machine
* Data types:
  + Char – single character – ‘x’ (note single quotes)
  + String – sequence of chars – “abcd” (double quotes)
* Free format:
  + The lines don’t matter
  + The end of the statement is with the semicolon ;

Java format

Class 🡪 A code segment that defines an object.

* + All code must be in a class
  + A class contains variable declarations and methods (functions)
* Operators
  + || is “or”
  + && is “and”