

Java	Ruby
1+1	1+1
String foo = "foo";	foo = "foo"
List l = new ArrayList(); l.add(1); l.add(2)	l = [1, 2]
Map m = new HashMap(); m.put("foo", "bar");	m = { "foo" => "bar" }
someObject.method()	some_object.method()
if (cat.isAlive()) { schrodinger.happy(); } else { scrodinger.sad(); }	if cat.alive? schrodinger.happy() else schrodinger.sad() end
for (int i = 0; i < ary.length; i++) { total += ary[i]; }	for val in ary do total += val end
public String getCost(int num){ return "£" + num; }	def get_cost(num) return "£#{num}" end
class Thingy extends Widget { int num; public Thingy() { num = 0; } // also getNum() and setNum() }	class Thingy < Widget attr_accessor :num def initialize @num = 0 end end
try { // do stuff } catch (Exception e) { String msg = e.getMessage(); throw new MyException(msg); } finally { // clean up }	begin # do stuff rescue Exception => e raise MyException, e ensure # clean up end

Ruby Tricks	
Blocks	<pre>ary.each do val total += val end -or- ary.each { val total += val }</pre>
Files — read first line	<pre>File.open("/etc/passwd") do f firstline = f.gets().chomp() puts firstline end</pre>
Files — read all lines	<pre>File.foreach("/etc/passwd") do line puts "GOT: #{line.chomp}" end</pre>
Regex	<pre>str = "foobar" if str =~ /(o+)/ puts "Found [#{ \$1}] in [#{ str}]" end</pre>
Substring	<pre>str = "foobar" puts str[1..3]</pre>
Methods of an object (handy in irb)	<pre>some_object.methods().sort()</pre>