

algorithm

abstraction

relational operator

program flow

syntax

variable

conditional

integer – bits and bytes

double – bits and bytes

boolean – ie: `boolean b = (3 > x) || (2 == y)`

if statements with brackets / without brackets

precedence rules – `int bob = 4 / 5 + 3 * 2 - 10 % 3;`  
know all rules, look at java packeto

`Math.random()` – how to create, what is range, etc

integer division

how many values are possible given ## binary digits used

convert base 2 to hex and hex to base 2

convert base 2 to decimal and decimal to base 2

karel type code