EduCode Syntax Cheat Sheet:

Declaring a variable: variable x = 2…variable y = “hello”

Modifying a variable: x = 3, y = 2.5

Printing a variable or value: print x, print x+y, print 2\*2, print 4

Ways to create values:

It should be noted there cannot be any spaces in between the signs!

Addition: 1+1.5

Subtraction: 3.5-2

Multiplication: 5\*3

Division: 2/3

Can be applied to values as well e.g. x\*2, x/2 etc.

Squaring a variable: square x

Cubing a variable: cube y

Natural log a variable: ln x

Log base 10 a variable: log y

It should also be noted the order of operations might be messed up, e.g. 2+5/3 might yield 7/3 instead of 11/3

Strings cannot be concatenated (“a”+”b”) however they can be spaced “testing testing 123”

Looping: “loop (amount of times) : (function) :” e.g. “loop 3 : print 5 :”