

CS 2102

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www.cs.virginia.edu/luther/DMT1

This is a math class

Necessary for CS-related stuff

not like Calc

CS \subset Math

Logic is good

What is Math?

by your definition, is _____ math?

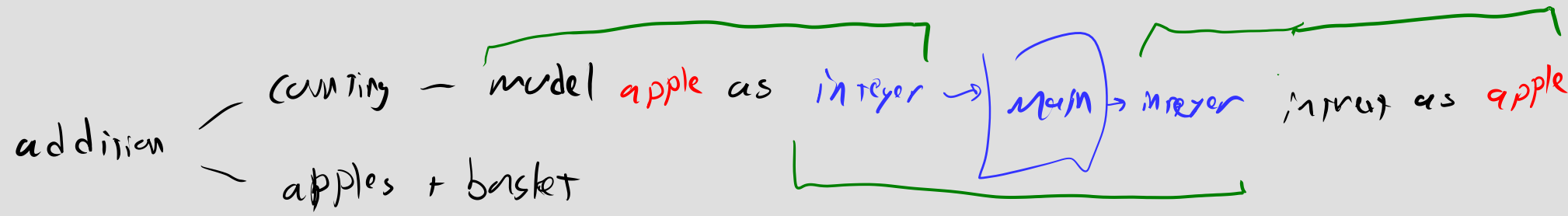
arithmetic

coding

greek alphabet

cucumbers

main: ^{imaginary} ~~beautiful~~ world w/ no exceptions
invented, not discovered
Useful only via Translation modeling



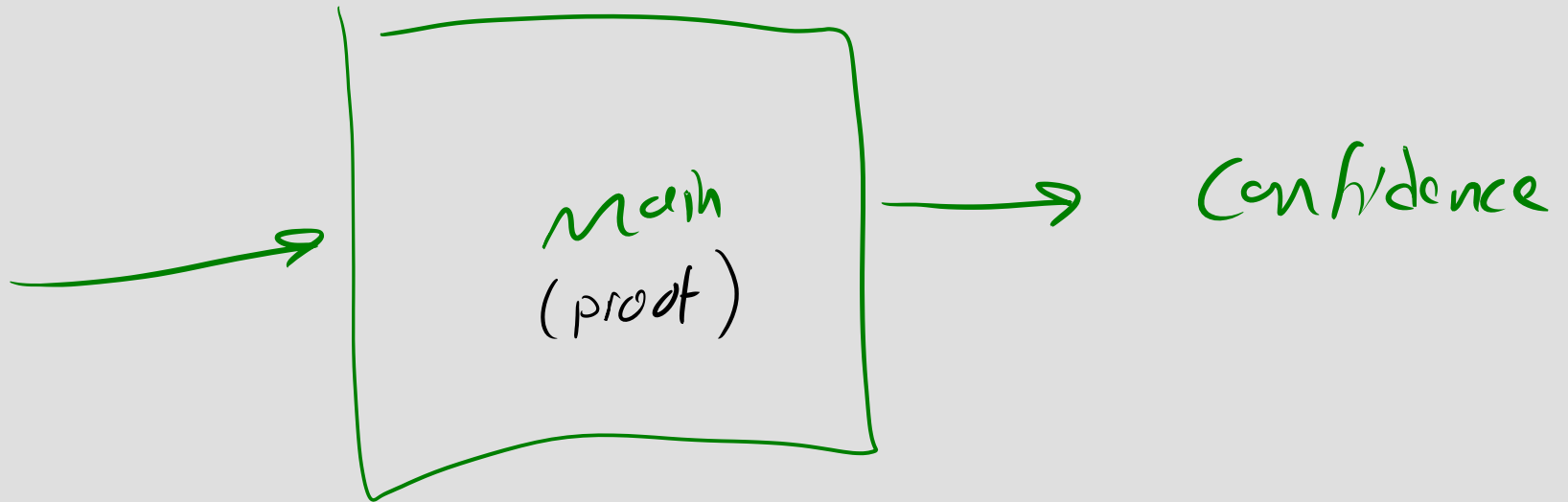
$$x = 2^{31} - 1$$

$$x = x \cdot 3 \quad \text{Python: True}$$

Java: False \rightarrow increase x by 3

Problem

Code



Prudf