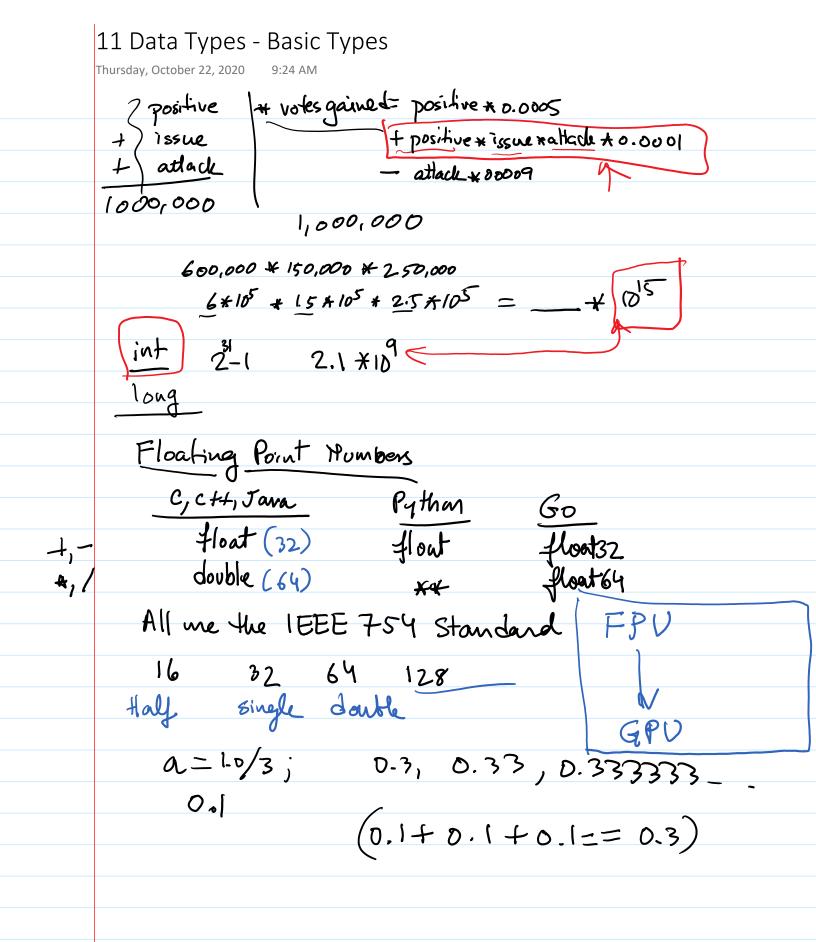


	11 Data Types - Basic Numeric Types
	Thursday, October 22, 2020 9:24 AM
	(1) What is the internal sepresentation used?
	(2) what size is used to stope a value!
	(2) What size is used to stope a value? (3) What operations are available? (4) What happens if there is an overflow order flow during compilate?
	Tension between the pregramming language definition
	+ its implementation [compiler/Inderpoter]
	Reference Manual
	Integers just x; C, C++, Java
	var x int 60
	Integers jut x; C, C++, Java var x int 60 var x: integer: Pascal
	+,-, *, 1, % (mod) +x axxb=ab
	Representation: (0101) = (5), 2's composement
	-2" 2"-1
	16-bits -2'5. 2'5-1 -3276832767
	$\chi = 32767 + 1$? -3 -32768
	C/C++ Java Python Go
n S	igned short (16) byte (8) int into vinto = byte
٨	10 1 (b) Short (c)
o2	long (64) Ima (42) polimited int 64 vint 64
~2 2	int unit marker to
-2 ³¹ 2-	



11 Data Types - Basic Types

Thursday, October 22, 2020 10:47 AM

characters