CSE 13/S		
- Linux . Upuntu 20.04.1		
- Nim	,	
-GI+		
On the nature of numbers	and the state of t	
- numbers exist independity of their	Land Could be Co	1 - 12 - 1
· There are many ways to we	,	bear
- our method for wring numbers a	lenes 6	Andre number
system	remes from pino	Arabic ristration
· Angabhuta introduced positions	1.1.1.12	D. I was as well
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, we write our numbers in bas		
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		S S S
Z={2,1,0,1,2} integ	umbes B	
$Q = \{ \Delta : a, b \in \mathbb{Z} \}$ in thousand α		Q ZN)
R=Q V re irrational numbers	The second secon	50
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	#Include <stdintih></stdintih>		F
		-	4
addition	Binary anthmetre goa	-	1
WOOLTIUM	$0+0=0$ $1+0=1$ Multiplication $0 \times 0 = 0$		1
	$(X \land - \land)$	9	1
	$1+1=0$ with carry or $1\times 1=0$		
	Anthrotic in a finite field		-
•	In a finite field we will be		-
	in a finite field we can defire for every number its additive inverse.	-	F
	iti=0	9	-
	· suppuse that we have to late a	-	4
1	O to 210=	9	4
	me can use one haif al	4	4
	we can use one harf and negative and other harf is positive	. (4
			4
	This is two's complement anthmetre		4
			A
	Real Numbers		4
	Real numbers (R) are		2892
	* continuous		
	· mcommady infime		-
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1	5		
	Togtung foint Numbers		Lann
	float single puusion		_
	double double organision		
	long double double precision		1

Dig endian, little endian when we have an integer pat regimes multiple bytes, what is he adouss of the byke holding the LSD. ? · little endigh means it is low address byte · big endlan mems it is the high address byte Little Endum Dig Endian 78/56/34/12 12 | 34 | 56 | 78 Random Numbers - True random numbers cannot be created using complets - gro grams are inherently determinishe thas he advantage of repeatability, but It has to disadvantage of predictability Anthretic operatus multplication dinsim modulus (only interess) Operator Precedence: (Important) If else! 2 conditions switch: multiple cases -while-most basic loop -for loop! loop with the amount downile - atleast once Tun checks condition go-to statement -

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1 1 1 surprise pates	
Lab I design document notes	
include:	
-A gereal description of what your program will do and function - An indepth description of each function that you white within your program	
- NIM (14 0 0) IN CHESCHIPHON	
- Pserdo code	
-pre-lab questions: puse are manufatory	
What makes a line 2	
what makes a good design?	
- An outne of what you want plan to do before you work your program.	
-visualization et what your program insens to do	
- A symmantation of your final program and how you leaved through it	
assignment 1 nots	
- 5 rand	
- while loop (for game) - checks to see if there is one player left	
- array checks money	
- helper functions	
- void - returns nothing	
Int - returns integer data type	
- global vanable = variable whole program	
- local vanable = vanable for specific function	
	100
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	a. L.