(0001)(1000)(0000)(0000) Conversion to Hex(by Binar W padding to 166:1

SIMARY l i 11 11 11 15 -9 LP 1-1-1-1-1-1-1-1-1-1-1-1-

•

1011 0111 0000 1101 + two's complement in Binary) O + two's complement in Hex 1100111100010010 Least Significant byte goes into smallest 12 inary 583 - 2-- Z - 56781 9337-2= - 16°C 51981Post order 7- 28 A C/(-98) a.) (8-6)/2 86-21. 205mer

#3)

In order Post order 984 #2) Part 2 (2+3)×8/10 (2+3)*8/10 13+8*10/ 23+88/10 Answel

357+21-*1

Step I. Push numbers in to Stack
going left to right, stop
at Speration +4|*-12+

Sty 2: for out top two numbers and use operation on them

+1/米ー17十

(then push result onto Stack

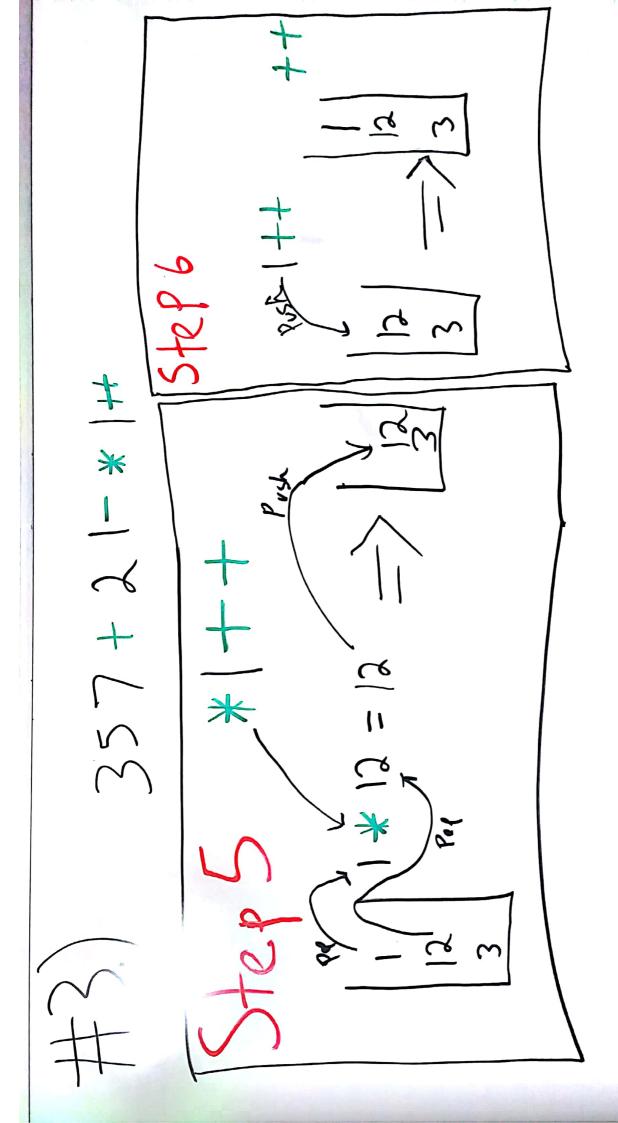
St7=12 - \

357+21-*/

5+eP 4 Pop Out last two numbers

2+eP 4 then perfor greation then

Pop back in Value into stack

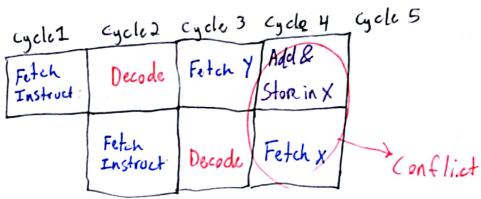


1+1*-1 8+ 155 1 Pop to a top number of and perform operation 2 ~

ANSME

	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN					Common of the last	· · · · · · · · · · · · · · · · · · ·	THE REAL PROPERTY.
Scammers	بر	5	h	r	9	7	F-CLock Co	3
1,4,4	T. 4.2	Tuck3	TASKY	Task S		·		•
- (1	7,4,2	Task 3	Tasky	Task 5		- Pipelined	
Y (INSEL	Tesk1	Taka	Task 3	Task 4	Tacks	Maxsped up	
~ =			Task 1	Tska	T.5K3	Task 4	200	t
				Tak1	「なっ」	Tax 3	ASM	
^			Cucle	Not Pipelined	e lined			18'h=-
-	4	ر بر بر		5	7		8,400 ms	-
Ĺ,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ToskI	Lask 1	Tak)	Taka	Task 2		
1 4 36, 70			_				A	
		# - R	# OF tasks	\	P: P	lived aft	Pipelined after 5 cycles	
	7				4	sk is finishe	1 task is finished per cycle.	
イ は	O CONTRACTOR OF THE CONTRACTOR	SON X SI	iomiola -	^	1		dotation	
	- 12	±.			<u>``</u>	5+ 900 / x 40 ms	V	
	take to	appeted to				Sigons		
			The second secon	and the same of th			The second of th	





These two hypen at the same time. But they fetching and storing to the same location.

1	GLk I	CLk2	CLk3	CLK 4	CLk 5
1	Fetch	Decode	Fetch	Add &	
١	INS	0 000010	X	Store in RI	
l	200	Fetch	h /	Fetch Y	Add &
		ins	Decode	/ 2,2,2	Store in x
		1	Fetch	Daylo	
			ins	Decode \	Fetch X

Conflict

Trying to
Store and
fetch from
X at the
Same time.

#8.) Part 1

Push A

Load A Load the Value 3 into the accumulator

Store Temp Store 3 into temp

Jas Push jump to the subroutine Push, then later start back at the return address

Push will store in a block of memory then not on the location so the next push will be I above

2000 3 _ neu pointer

First push at memory location n then next push will be at n+1, Then on and on.

Push B

Store Teny Store 5 into temp

JUS Push Jump to subroutine push

Push c Load C Load Value 7 into accomulator Store Ting Store 7 into temp JNS Push Jumy to the subroutine Push

) Port 2 Add			
•	JNS Add	go to the elements.	e Add, the Add adds the Which is 5+7=12 3	After 3
	Push D Load D Store Tung Ins Push	3 12 2	top is location	bottom memery
	Push F Load F Store Temp Jns	3 2 2 1		
	Subtract Jas Subt the Value Subtract Jas Subt	s stored ant	Subtract subroutine which o the top memory locat	subtacts ions.
	Push E Lond E Store Temp Ths Push	3 12 1-1 4		
	Add Jas Add Add Jas Add	3 12 3	$ 3 \rightarrow 8 \leftarrow \times$	
	Pop X Jns Halt	×1	#8.) b.) What is x?	
			Answer V 19	