MAME: KRUNAL RANK	
Apm. No: U18(.0081	
BTECH JRD YEAR	

	70/	U18C0081 31/8/20 ( ) 1/0
		MIT Tutorial 21 moderne 1 8 mgs
	Ans	HOMO, H IXI EDOS HONO C MAD SONS HONO C MAD SONS
f/f	2	Line No. Mnemonics: 10 Tun 9000
		2
123		6 PUSH BOOK 100 S
		HOV ATILIO HIN
1/0		20 POP H 11 707
(d)	(a)	The location of data first byte stoned in stack will be
	3)	OBFEH. He to instead
	11/10	The ordance of stack pointer is 03FOH and the value stored
	(a)	The address of stack pointer 15. 05 per and the value stored there is 255H.
	<u>e)</u>	The contents of register pair III will be the contents of the stack value popped: It no prohise pop is done between
1		line 8 to 19, the value of +12 pour win be 2055th.
	Maria de la Colonia de la Colo	Scanned with CamScanner

		Contraction of the contraction o		
/	A 3	Location Mnemonics	A	8
, r-i-		2000 LXI SP, 2000 H		0
/-		2003 LXI H,0008H		
		2006 MVI B, OF H		
_		2008 CALL 2060H		
		LOOR OUT OTH INDIAM		
		DORBING PO IV		
		1/2200 2 18 5		
		2060 PUSHING 4: 17 1		
			-	
F-Lot		2061 PUSH & 1: 1207		
		MVI B, OSHI 11		
		LXI H, COUNTS TOM	44_	
		POPB		
	To Consumer			
		POPH 13 909  RET		
	B A I	his la roduneva with known . It		
	a	Conent Content at 2016H = DOORH 20H	VA.	
		Content at 200 H = DECOTT OBH		
	A CONTRACTOR OF THE PARTY OF TH		04	
· -	-	The Discourse of the Color of t	-	
	· Will	Pointer Standard In Same actives in-	the -	
ă.	b) (d	Stuck Josephon after augustin of Plan 4	4	_
	site all	Pointer Country Will have the same address we south a stack.  Stack location after execution of PUSH H = 2500 100 Country of PUSH B3 2000 100	CAH	
		20C7H	184	
	e) (	antest of it also positive a		_
	1	20C7H		
K Cast	,d) (	entent of stack pointer = 20COH:		
	1	TO THE THE PORT OF THE PARTY OF		
	4.60	The state of the s	-	
A			+	

		Con 1110
T	0.0	( 0 M ( ) 5 M
	A S	0; (Question 1)
-	-9	imp start
1		jmp start ; data
1		
		; code
		start: Ixi SP, XX99H &; XX can be replaced with 00-FF
	19	mor mvi A, OFH is sets of the accumulator
		lui H, XX90H initialises HL pour loop: comp B ; compares accumulator with B
1		loop: comp & compares accumulator with 5
	4	dor A : decrement crown whator
$\rightarrow$	* 5	my m, coH; move coH to memory location
		inx H ; increment Allipain
		imp loop; jump to loop.
		10 A 100
		next: lui B, 02374 : ; inhialise BC pair
		1.: O 1242 H INTRAISE DE PAR
1		1:11 1:00all initialise Me pair
- /		PUSH B ; push B to stack
		1 C Stuck Deta Stuck
4.		push H; push H to stack
the		
14		1 1 1 2 ton 1121 polity 210) 1 10 1 10 10 10 10 10 10 10 10 10 10 10
100th		The value of memory to carions are:
0		2093H BS GREGINGS
——)		20944 64
	_	2095H : 66 Ck ob poiden: 2093 H
		1 70764
	-	20934 1:11- 55.
		20984 2

		i i a se	
9:	; cgueshion 2>		
	jump start		7
	data		
37 00 B	start: mvi. Brjooh		
de la companya della companya della companya de la companya della	ior B: ; Clearli party zero and aire flags		
33	mvi A, Ha OOSPA; Mover FEH to A		
1 W	adi \$20001h; Adds 1 Hoto A	Ins 2	کزار
	for exit.  Job exit.  Job carry, jump to exit		j
	POVE TO A		]; e
ex	it: htt		St
To The	HEZOP HIN		
in	Same is done by replacing adilinstruction with		
	the latter case, carry flag was not set to 1		
This	can be explained as follows:		- PJ
110			
ADI ADI	Instruction is an increment instruction that follows		#
not	instruction is an increment instruction that follows harding is an addition instruction that does preserve the carry flog.	$\frac{1}{2}$	#
The party of the p			

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La 2.	: (Quality 2)	
MON	jmp start	
	Just 2100	
	; data ; code ; code ; start: push PSW Pop H mov C,H mov H,B	
	, ada	
	atit ourh DCC.1	
	Sian : position	
	pop.	
	MAY H R	
	mark. C	
	mov H, B mov B, C poush H pop PSW	
	PSW PSW	
	Wt	
		u U
1 200		