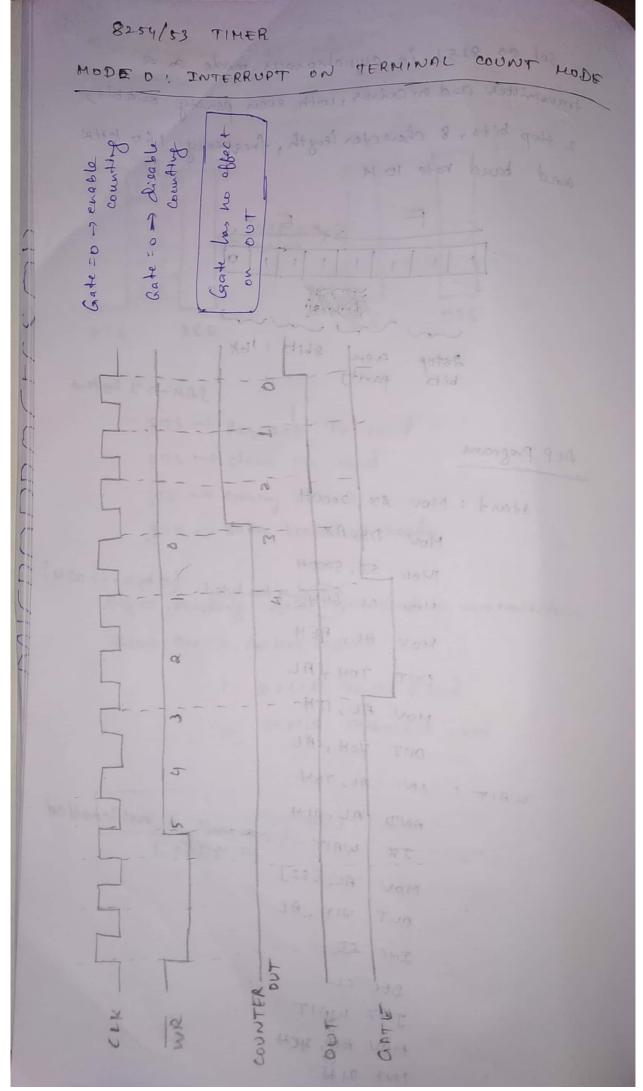


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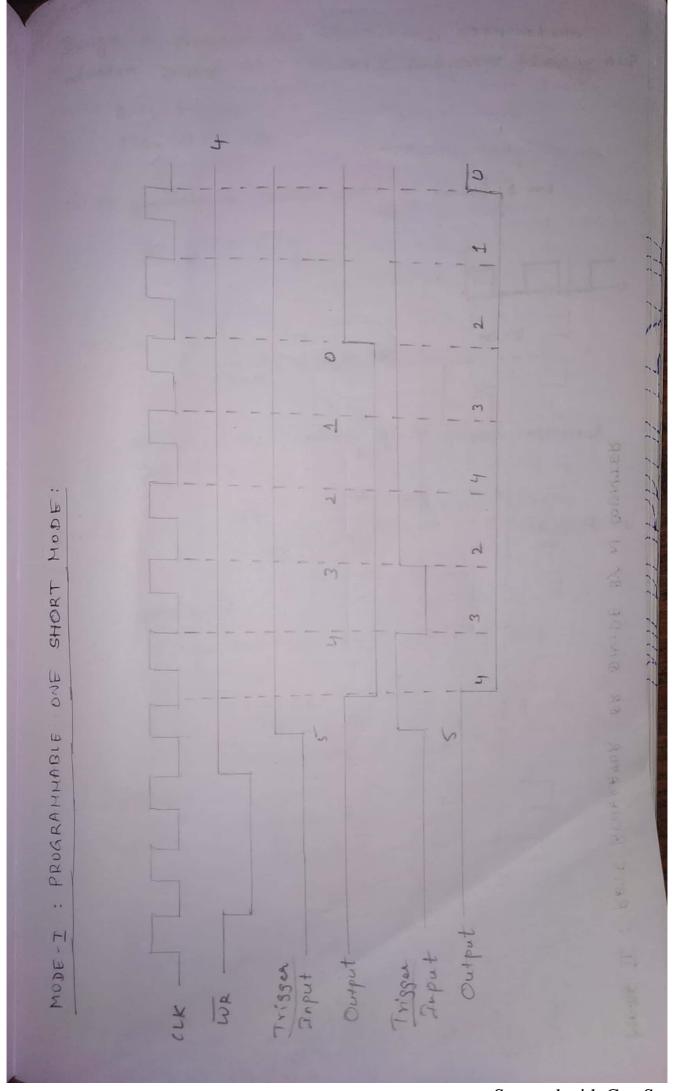
					200/10
	H2	М,	Mo	Selection	20 -) Hexa
	0	ð	0	mode 0	Do input
	0	0	1	Mode 1	JI -> BInary
	100	MANA	000	Mode 2	9 (- 13) Essa input
	0	1	1	Mode 3	43-18
in	MENON! ST	0	0	Mode 4	7528
-	1	0	1	blode 5	
1	0 3/10	7		o any	the first the same of the same



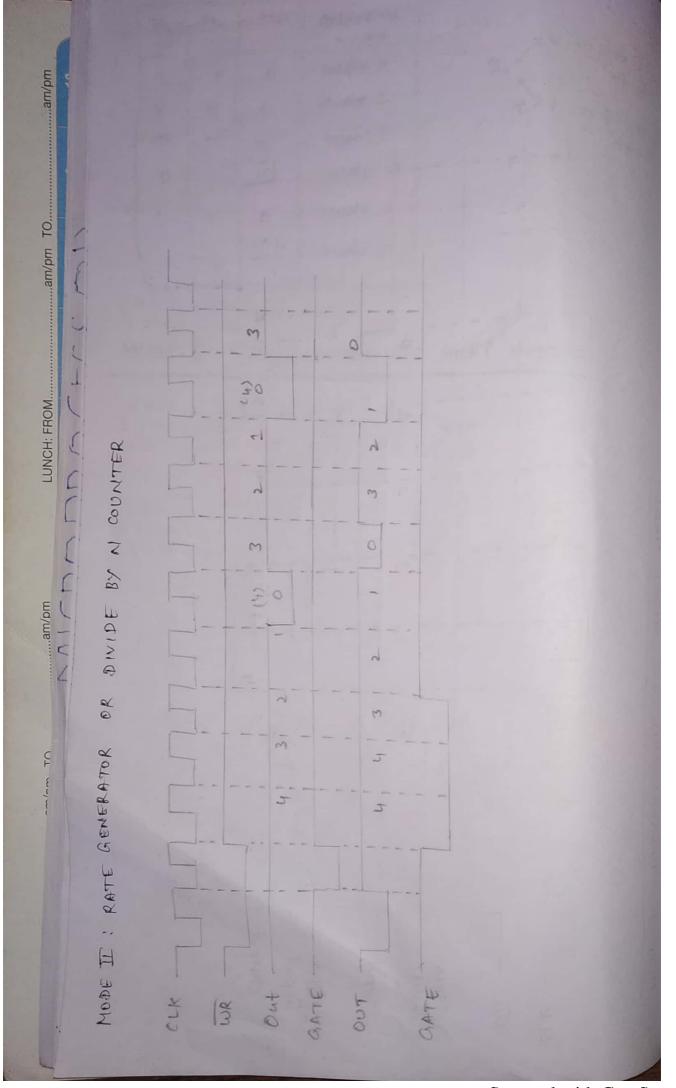
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	vives Acialia or Jariaia
STARTHOVAL, 31 H	N= lox 10 3 s
OUT 46 H, AL	66 x10 µs
MOV AL, DOH	- 1500
MOV AL, 15H	Abh- etrl word reg
OUT 40H, AL	15h-
CAT-2 -xi	
	b m
0 31-40	10 m
Mode > 4	10 m
3) 9255	
mode 3 & ALV	10 m
3) 9255 4) 8259	10 m
3) 9255 4) 8259	
3) 9255 4) 8259 5) 10 8 AD	
3) 9255 4) 8259 5) 10 8 AD	
3) 9255 4) 8259 5) 10 8 AD	
3) 9255 4) 8259 5) 10 8 AD	

counter 1	the processor boaded in H	for first from	18	8320 -3	6 had below
N Te Low	= 10 × 10 = 3	=15×10	= 150 = 3A	00 18 H	- 3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
		Anemorard	1		vuot is r
Sci sco	RLI PLO	M2 Mi	Мь	BCD	
01	1 1	0 0	0	0	->70H
	toad HSB	Mode	0	Hera	,
Code enguer	at i			GXIO+6	
START !	MOV AL, 7	H			
Tugous 13			.44-	that wor	d vey
The second second					
	MOV AL, 9		A	- coun	ier t
tugines or	MOV AL, 9.	8 H	A?	- coun	ier-j
	MOV AL, 9. MOV AL, 9. MOV AL, 3	8H AH	A	- coun-	ier-j
	MOV AL, 9 DUT 42H, 1 MOV AL, 3 DUT 42H,	BH AL	A?	- coun-	ier-j
	MOV AL, 9 MOV AL, 3 DUT 42H, MOV AL, 3 DUT 42H, MOV AH, 4	BH AL	A?	- coun-	ier-j
	MOV AL, 9 DUT 42H, 1 MOV AL, 3 DUT 42H,	BH AL	A ?	- coun-	ier-j
	MOV AL, 9 DUT 42H, 1 MOV AL, 3 DUT 42H, MOV AH, 4 INT 21 H	BH AL	AT	- coun	ier-j
	MOV AL, 9 DUT 42H, 1 MOV AL, 3 DUT 42H, MOV AH, 4 INT 21 H	BH AL	A	- coun	ice - J
	MOV AL, 9 DUT 42H, 1 MOV AL, 3 DUT 42H, MOV AH, 4 INT 21 H	BH AL	A ?	- coun	ice - J
	MOV AL, 9 DUT 42H, 1 MOV AL, 3 DUT 42H, MOV AH, 4 INT 21 H	BH AL	A ?	- coun	ice - J

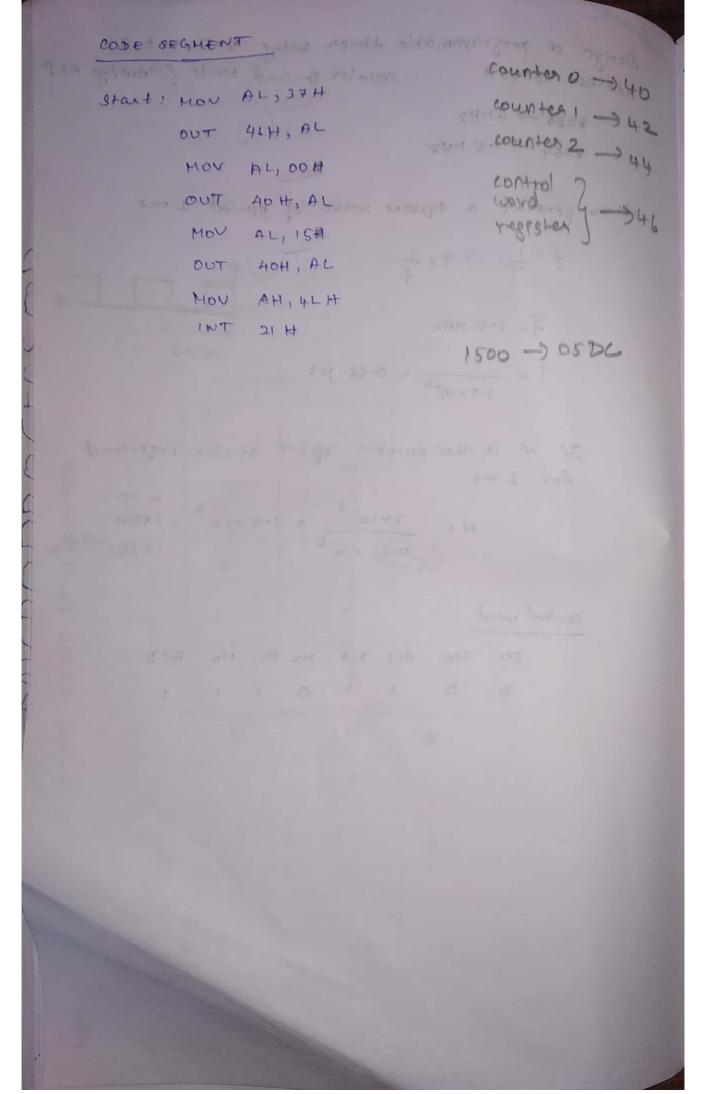


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Design a programmable Amer using 8254 at an counter o and write following ALP address 0040 H 8086 -> 6MHZ 8254 -> 1,5 MHZ (i) To generate a square wave of period 1 ms f= 1.5 MHZ $T = \frac{1}{1.5 \times 10^{+6}} = 0.66 \text{ MS}$ If 'N' is the number of T states required for 1 ms $N = \frac{1 \times 10^{-3}}{0.66 \times 10^{-6}} = 1.5 \times 10^{-3} = 1500$ 154515152 control word SCI SCO RLI RID H2 MI MB BCD 0 0 1 1 0 1 1 1



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MODE-3: SQUARE WAVE RATE GENERATED: Stirst half of the count is thigh count loaded is even I remaining helf of the count is Low court boaded Decrement the count for 1 clk pulse is odd in high state (bunt=4) 004 (count = 5) output If waded N value is odd (NI+1) pulses, remains high (N-1) pulses, remains low