## Part 1 U18 COOST 1/s-Krunal Rank

classmate

A. ()	The instruction time diagram for SHLD 5081H is as follows:
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	0 7 10 3-2
	A15-A8= 80H 2 My Address. A7-A0=81H
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Ans 33	Given that Time period = $\frac{1}{2MH_{2}} = 0.5 \times 10^{-6} = 0.5 \mu s$
	Calculating value, x 500
	10 + (6+4+4+10) *6535 - 3 +10 = 250 × 10 3 = 500×1
	0.5 × 10 °
	$X = \frac{500 \times 10^3 - 17}{2000 \times 10^3} = \frac{220832.25}{10}$
DELAY:	LXI B, 5761H = 5161H
Loop;	DCX B
	Mov A,B
	ORA C
	JNZ LOOP
	RET
	MVI D, AAH ; D=1010 1010H
	, , , , , , , , , , , , , , , , , , , ,
ROTATE	Mov A,D
	RLC ; Rotale through carry.
	MOV D, A
	ANI OIH ; It its 1, then jump up.
	JZ UPO
	CALL DELAY ; Delay 2 @ 250 ms
	CALL DELAY : Pelay = 250 ms.
UP	CALL DELA OUT 10 H; Display to output pout.
	OND JMP DONG
1 1P1	CALL DELAY
UI.	OUT IOH.
Dane:	JMP ROTATG.
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