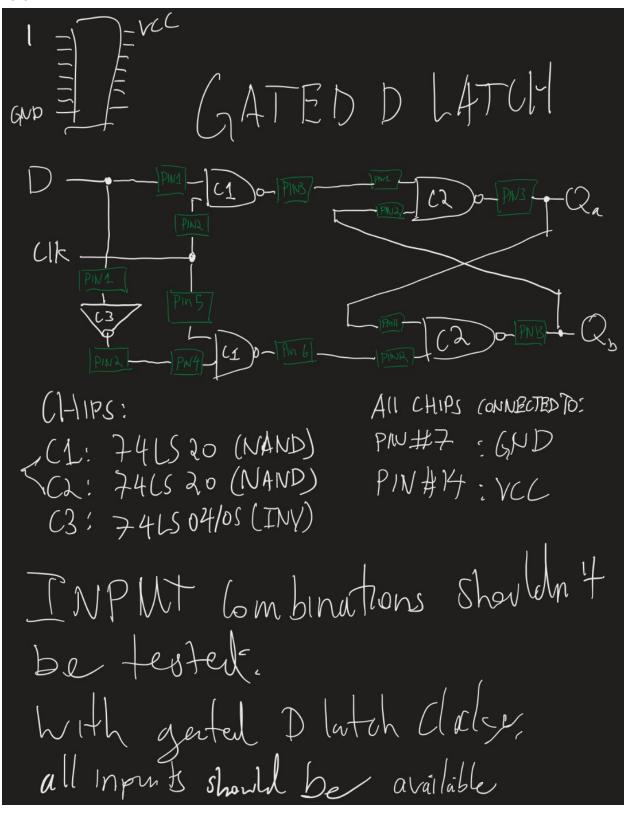
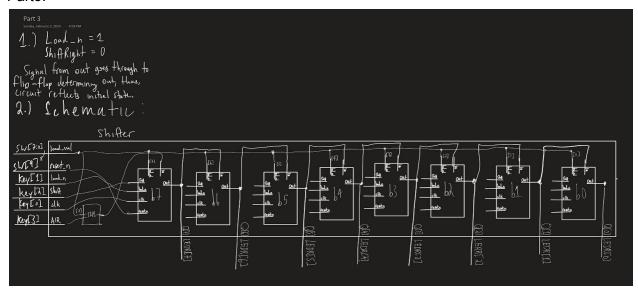
Part1:

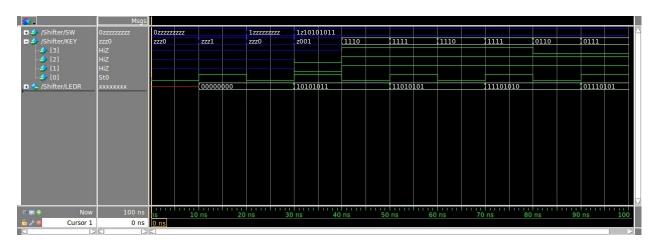


Part 2: waveform for AluRegister.

≦ 1.	Msgs									
🛨 👙 /AluRegister/SW	0z000z0001	0z000z0000	1z000z0110		1z000z0001			0z00	00z0 <mark>001</mark>	
/AluRegister/KEY	St0				المسائد					
🖪 🖕 /AluRegister/LEDR	00000010			00000111		00000010			(0000000
🖪 🚣 /AluRegister/HEX0	1111000	1000000	0000010		1111000					
🖪 🔩 /AluRegister/HEX4	0100101			1111000		0100101				000000
🖪 🔩 /AluRegister/HEX5	1000000			1000000						
/AluRegister/reset_n	St0									
🖪 🥠 /AluRegister/OutReg	00000010			00000111		00000010			(0000000
→ /AluRegister/B	0010			0111		0010			(0000
→ /AluRegister/case0	00000010	00000001	00000111		00000010					
→ /AluRegister/case1	00000011	0000xxxx	000xxxxx	00001101	00001000	00000011			(0000001
🖪 🥠 /AluRegister/case2	00000011			00001101	00001000	00000011			(0000001
→ /AluRegister/case3	00110011		x11xxxxx	01110001	01110110	00110011			(00010001
→ /AluRegister/case4	00000001	0000000x	00000001							
	00000100	0000xxxx	xx000000	11000000	00001110	00000100			(0000000
🖪 🥠 /AluRegister/case6	00000001	0000xxxx	00000000		00000011	00000001			(0000000
■ /AluRegister/case7	00000010			00101010	00000111	00000010			(0000000
🛨 🔷 /AluRegister/AluOut	00000010	00000001	00000111		00000010					
△ ■ ● Now	90 ns	ns	10 ns 2	20 ns	30 ns	40 ns 50 r	ns 60	ns 70 ns	11 1111 80 n	s 90 i
â Cursor 1	75 ns								75 ns	
	KL D							1		

Part3:





Pretty visibly shifts