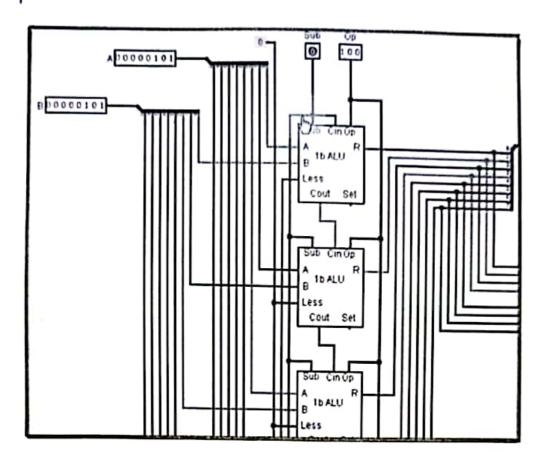
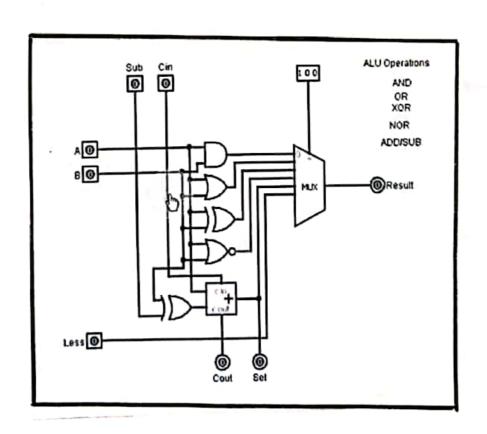
I List out the steps in duigning ALU

- 1. Add the 2 Input pins. Name them A & B.
- adden
- 3. Connect the A's and B's of all the gates
 to their respective pins
- 4. Add an output pin and name it result
- 5. Add a 1 bit multiplexes with 3 select bit
- 6. Connect output us all the gate to the muz.
- 7 Wonnect 3 bit input pln to mux
- 8- Add input pin to Cin, and output pin to Coul
- 9. Add an ex-on gate connect its output to Coul. the first input must be connected to B and second to concerns input pin sub.
- it to the mux
 - onnect it to the output of adder ununt

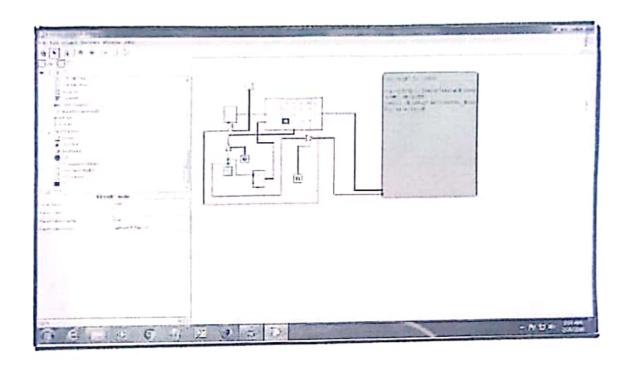
Snapshok.



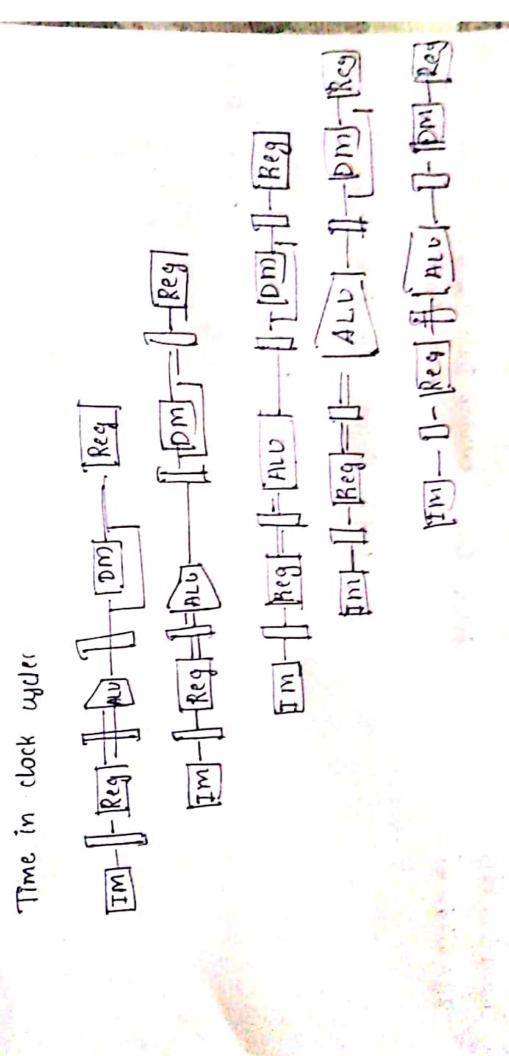


- 3. Last out the steps in designing memory system
 - D'Add a RAM with seperate sood and susper
 - 5) Add a country and connect () to A of the BAM
 - Its output to the RAM.
 - and a clock and connect to the input
 - 5) Add a TTy und with 32 your and columns make the connections with RAM
 - 6] Add a ≠- bit Bandom number generation connect a to D
 - of Add another controlled bubber connect to the trubber and an i/p pin to the bubber
 - (3) Connect the output of the second bubber
 - onnect a button to the country

Anapshots:



					Vest
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800			Į,	filade Bact	Data
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900		Sach	Dah	63.6	Detode
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500	Data Colsuk Access Back	exert.	Dewels	Fetth	
663	Execution Data Extrate Access Back	Decode exeu-	Fetch		
200	Instr- choe Detoole	Fetch			-
663	Instruction Instr- Felen Chon Detode				
	(14)07	34b \$11,42,43 add \$12,43,45	add \$10,45, \$6		
	Buggan In \$10,7	acid \$	add		



Snapshot:

