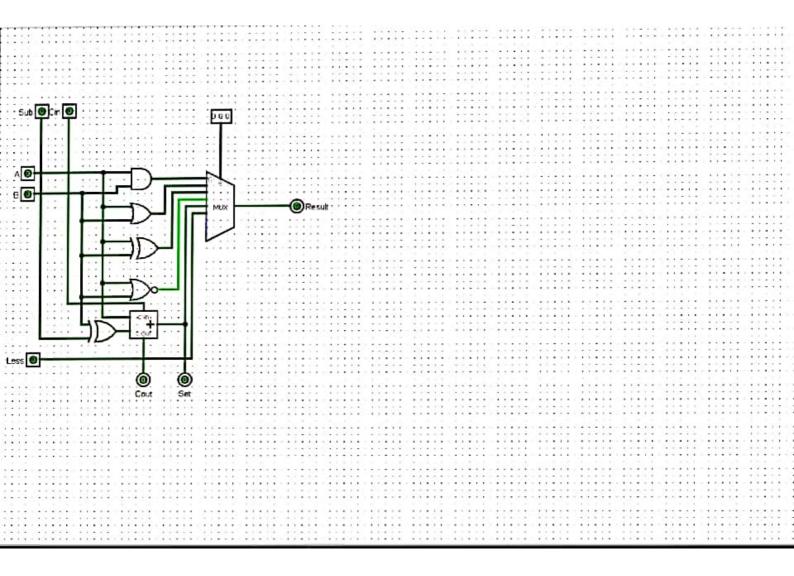
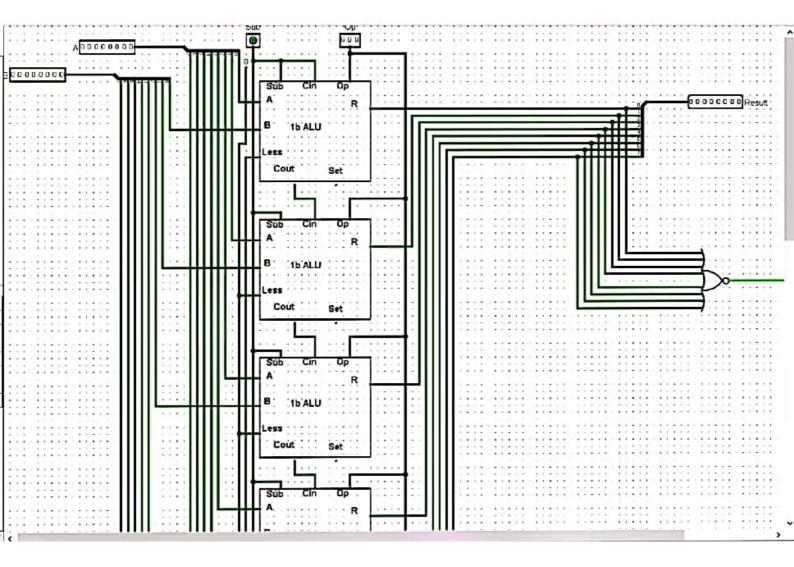
	Course: Computer Deganization Course Code: CS45
įską.	Course: Computer leganization Course Code: CS45 Activity V: Designing an ALU to perform a neith metic and logical functions using papergrid Logisim simulator. Date: 4
1 1	Logisim simulator. Date: 1
23 05 20	Name: Popari Goyal Mouke: 10.
	USN: IMS18CS089 Signature of faculty:
	Objective. To smulare the most size of Angitan and Logical
	Objective: To simulate the working of Arithmetic and Logical Unit using simulator.
- NO	
ولين بيا	List out the crops in designing ALU:
1.	Add the two pur pens, name them A and B.
2.	Add OR, AND, Ex-OR, NOR gares and a 1-61-
	adder.
3 -	Connect the A's and B's of all the gates to their
	respective plus
	Add an output pin and name it Relult.
	Consort the output in all amore to the muse.
7.	Connect the europety of all gares to the nux.
	Add ilp pin to cen and ofp pen to cout.
9.	
	Add an ex-or gate connect to op to cour. The filer page 91p nuer be connected to b and the
	second to another 1/p pen 8UB.
10	Add another "Ip and name "It Less. Connect it to
(-	Add an eutpur pin and name it set. Connect & to. The mutiplexer of of adder carcuit.
	the multiplexer of bader circuit.
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	Course Code: CS45
45	Course: comprise mensey system heging
erid =	Course: Computer Organization Course Code: C345 Activity II: Designing memory system heging papergrid Loggeins consulator. 10 Date: 1 /
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_20105 120	USN: 1MS18.CS089 Signature of faculty:
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Lucia	Objective: la cinculate the workforg operation on memory.
-	The state of the s
	List out the steps in designing memory septem. Add a RAM With separate hoad and stere selected.
1.	Add a courses and connect by to A of the RAM. Add a courses and connect by to A of the RAM.
2.	Add a controller buffer and consact the of to RAM.
3-	and comment of the contract of
A-	Add a clock and comments. Add a TTY unit with 32 rows and columns.
5-	Make the connections with RAM.
	Add a 7- bit randoms number generater, connect
р.	& to D and range & date assistance that I do had
7.	Add another controlled buffer, connect it to TTY. Heo,
	add an ilp pin to the kuffer.
٧.	Connect the ofp of the second buffer to the counter.
11	Connect a button to the counter
m. pour	A AS TONORAGE DE CONTRACTOR SE
	Thend no account the place wis
- 4. V. V.	- " of averser 1/2 and have to be a
JO 15	Me and Take to seemed their will toughted the last
	e a manetiple une ele of value resiliés.
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