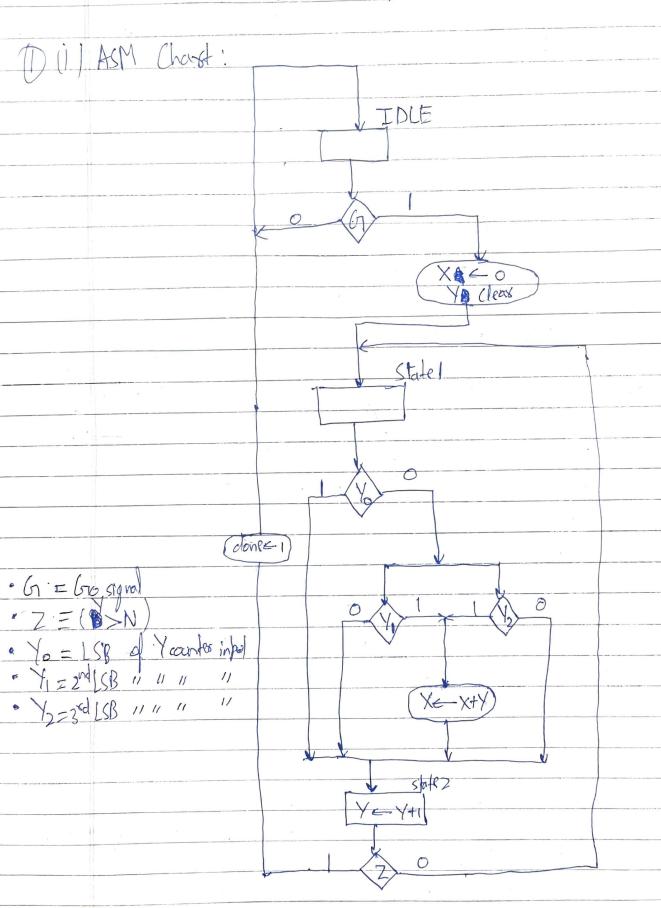
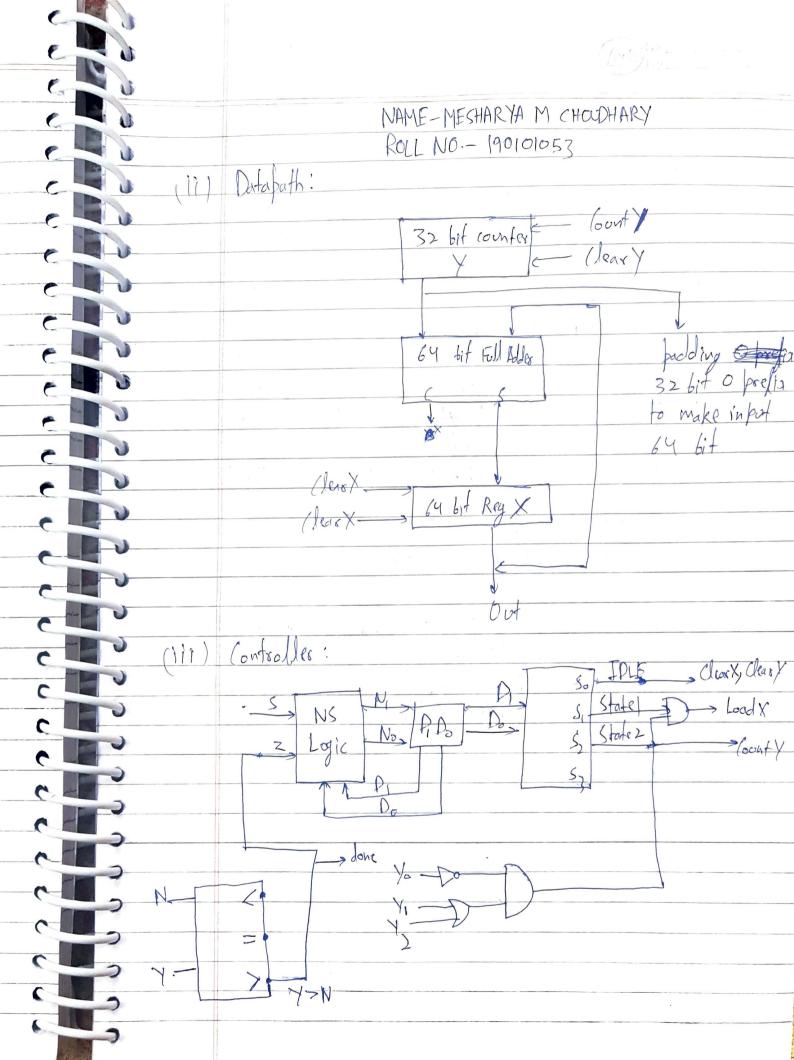
(light) 1 - 1 - 1

NAME-MESHARYA M CHOUDHARY ROLL NO. - 190101053







be

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	NAME - MESHARYA M CH	OUDHARY
	ROLL NO: - 190101053	
Since the valid	numbers are even and they must end with $X = (Statel)(\sim Y_o)(Y_o)$	must not
divisible by 8	they must end with	110,010
(00, 1000	$1 \times = (State1)(\sim Y_o)(Y$	1+1/2)
		NS
n'Z Q, Q.	ate PS Next state Q+Qo+	
0 0		The second secon

IPLE X TPLE 00 THE X 01 Starte X X Stateol. Statez 0 0 X 0 State2 State 0 State 2 X 0 IDLE 0 0

Q, t = P = Q'Q / Qot = . G Q'Qo' + Z'Q, Qo'

We give GO signal at IDLE state and clear X and y

: Clear X = IPLE (lear Y = IPLE)

We increment y whenever we are in state 2 !. Count Y = State 2