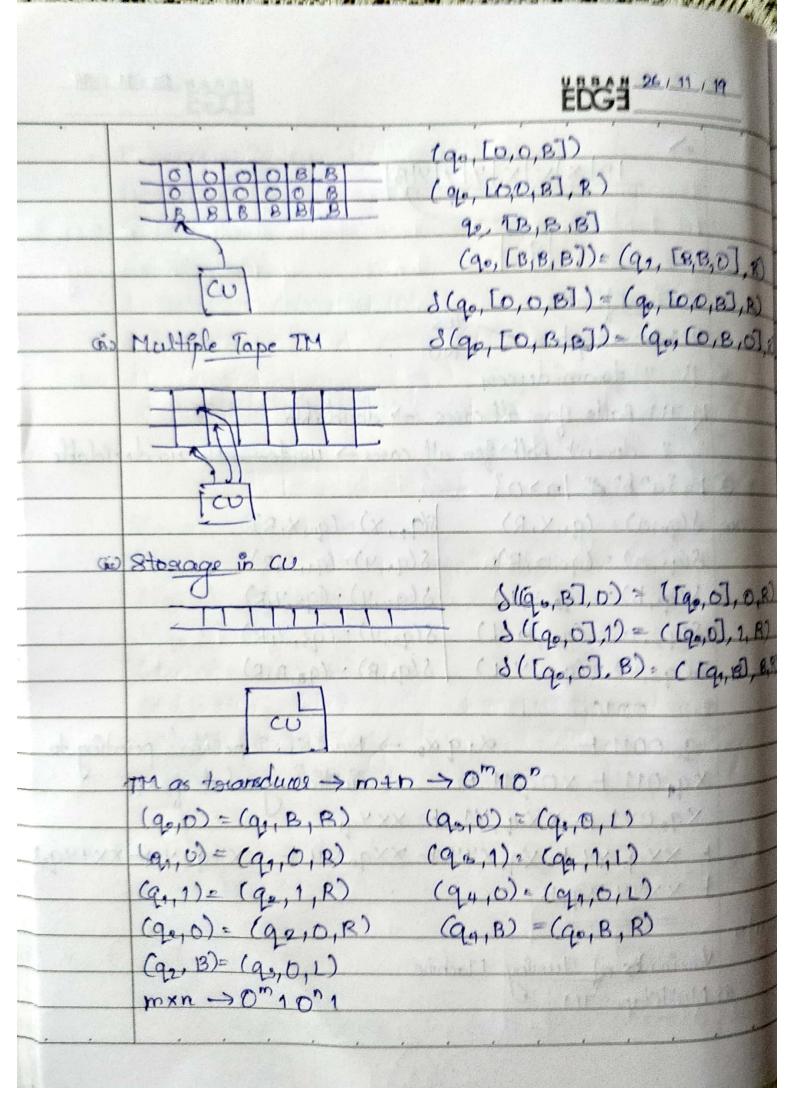
Vontombs of Tunding Machine
is Multilage TM



T	(q0,0) = (q1, 1, R)
	$(q_1,0) = (q_2,1,R)$
	$(q_1, 1) = (q_2, 1, R)$ $(q_4, B) = (q_5, 0, 1)$
	$(q_2,0)=(q_3,0,R)$ $(q_5,1)=(q_6,1,1)$
	(q0,0)-(q0,0,1) (q0,1)=(q9,1,1)
	$(q_4, x) = q_0,$ $(q_4, 1) = (q_4, 1, 1)$
	$(q_8, X) = (q_8, 0, 1)$ $(q_8, B) = (q_0, B, R)$
	mxn his Market market has falled
-	$S(q_0,0) = (q_1, x, R)$ $S(q_0, B) = (q_5, 0, 1)$
	d(q,0)=(q1,0,R) d(q5,1)=(q6,1,1)
	8(q,1)=(qe,1,R) 8(qe,0)=(qe,0,L)
	& (q2,0) = (q0,4,R) & (q0,4) = (q0,4,1)
	$\xi(q_3,0) = (q_3,0,R)$ $\xi(q_4,1) = (q_4,1,1)$
	8(q, 1) = (q, 1, R) 8(q, 0) = (q, 0, L)
	S(q2,4)=(q2,4,R) d(q4,X)=(q0,X1R)
	Recugisive Languages
	Whonever we can design a TM with acceptance in final state & non-acceptance in non-final state.
1	state & non-acceptance in non-junal state.
	TM-YES
	NO
	- 1000 Recursive has he TM No YES/NO
1	Post every story rectigisties and to
	VES CAccepting with final state)
	Foor every storing Recursive larg has TM o/p YES/NO Recursively Enumerable Lang VES (Accepting with final state) RE larg - 00 loop (Non-accepting with non-final state)

