CS352 Theory of Automata and Formal Language

Class: BSCS 13-B

Assignment # 1

Instructor: Mr. Sohail Iqbal

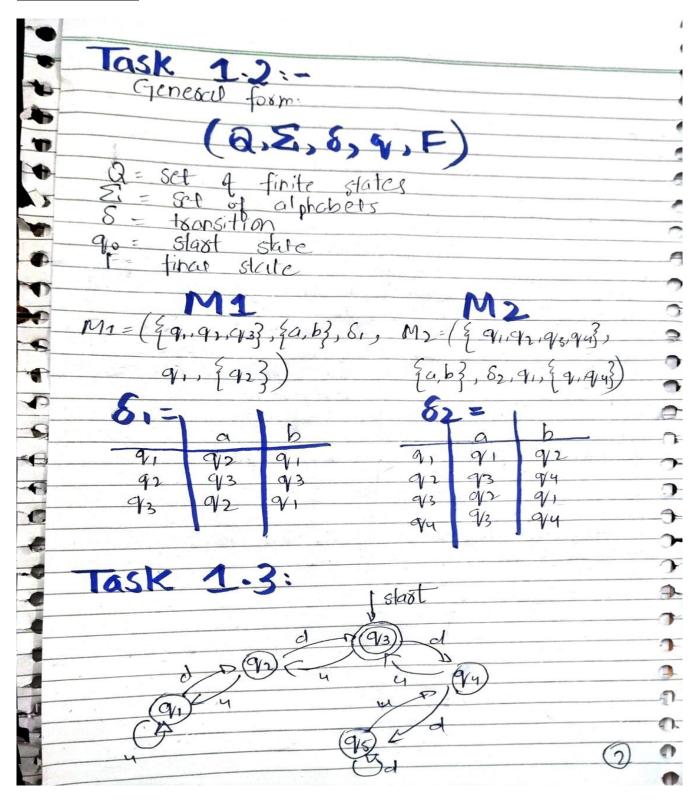
Name: Aakash

Qalam Id: 471368

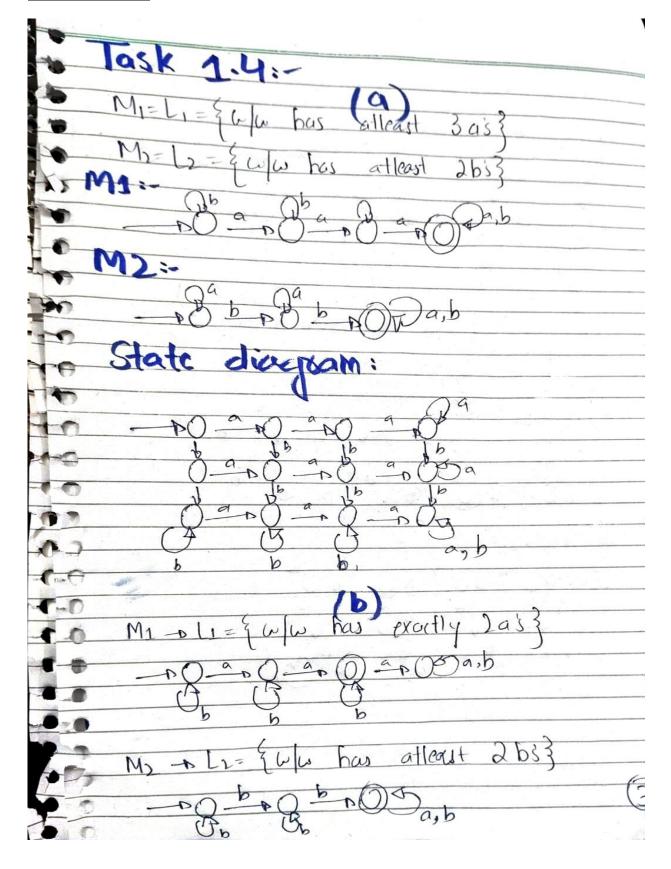
Exercise 1.1:

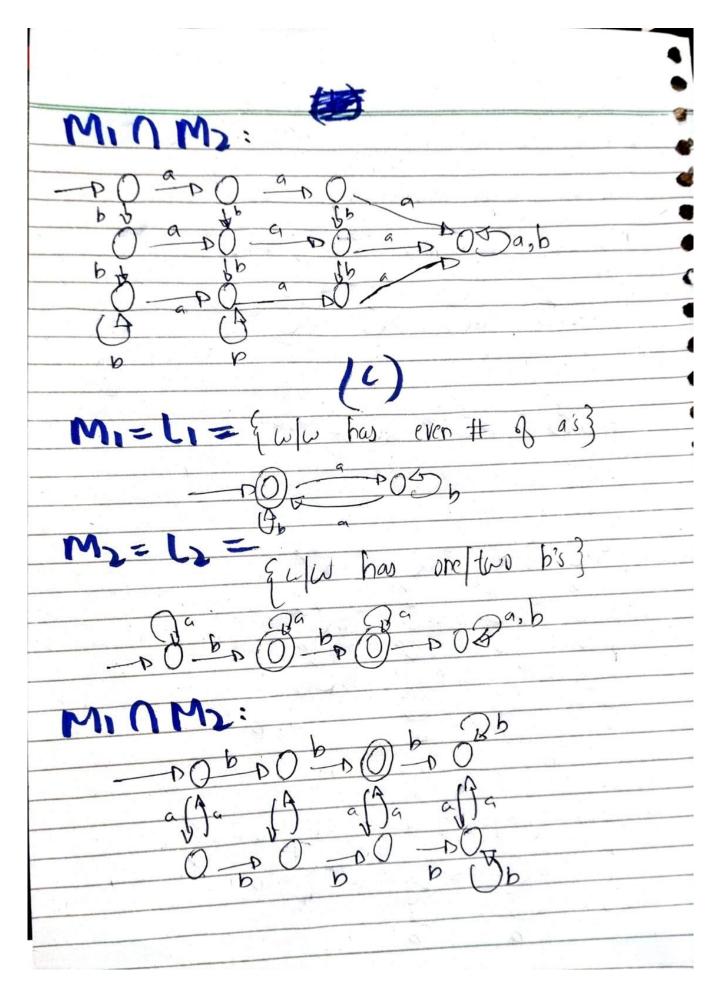
Task 11:-	
M1	} M2
Sto	ot state
I gh is start state	q, is start state
Acce	of states
The set of occupt states is \$4.3	The set & accept states
Sequence of states over acibb is	Over aubot Sayurnie g states over aubo is q.q,q,q,qqqq
9,92934,91	bb accepted?
F and avented	Yes, accepted
M's a	uept E?
	Yes, My sucpt
No, M1 does not	

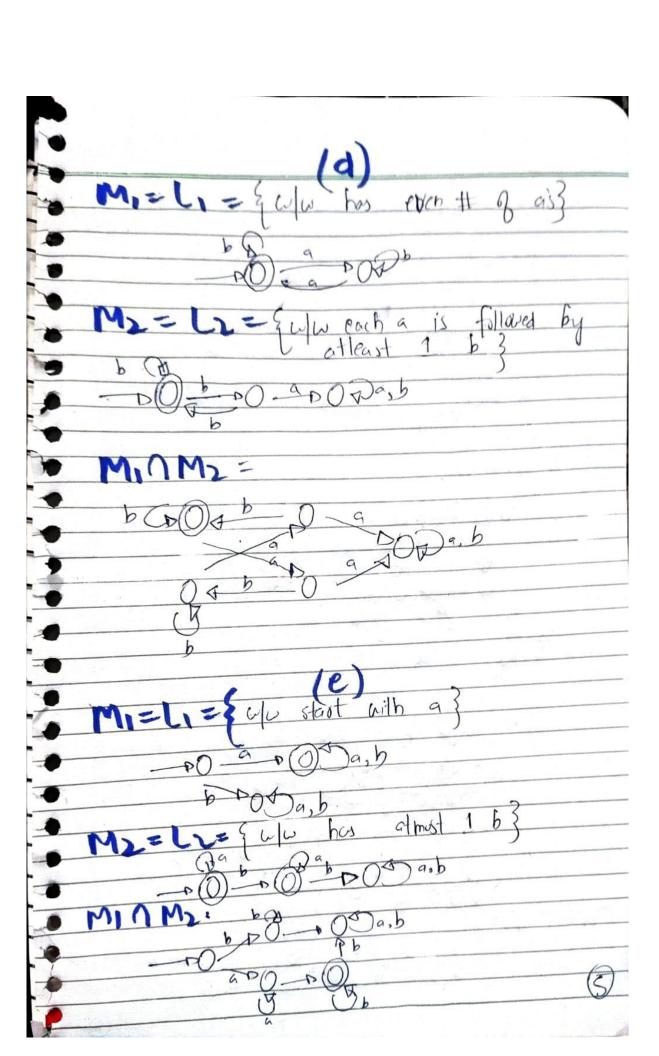
Exercise 1.2:

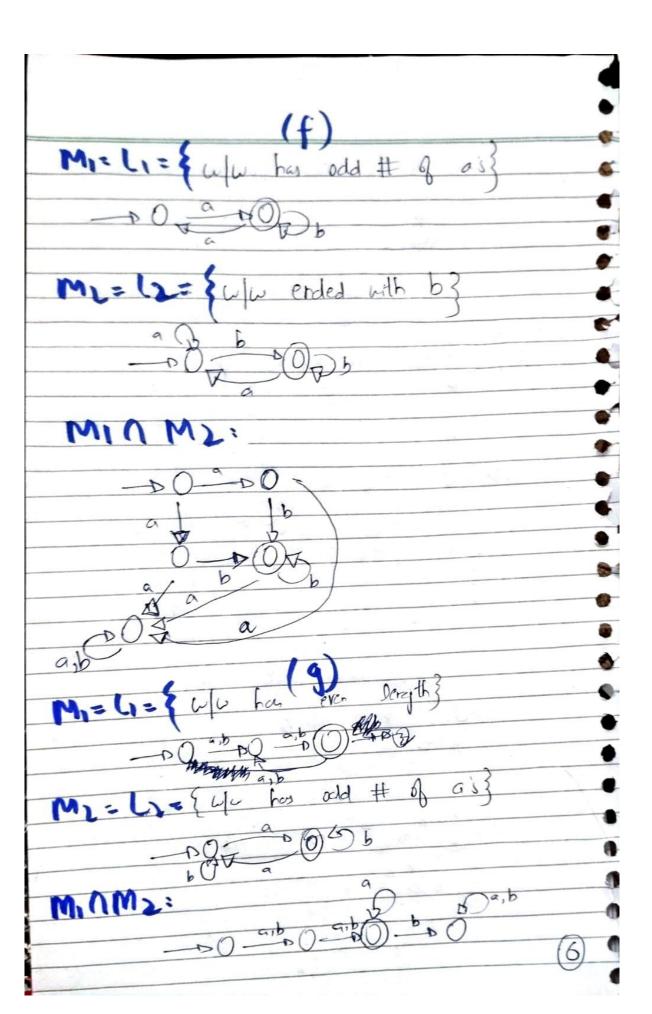


Exercise 1.4:

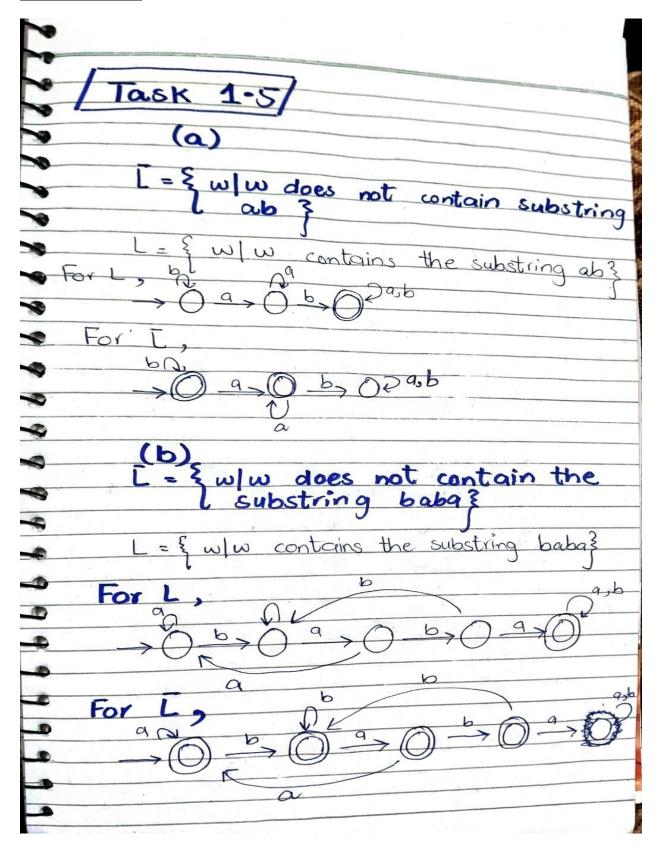


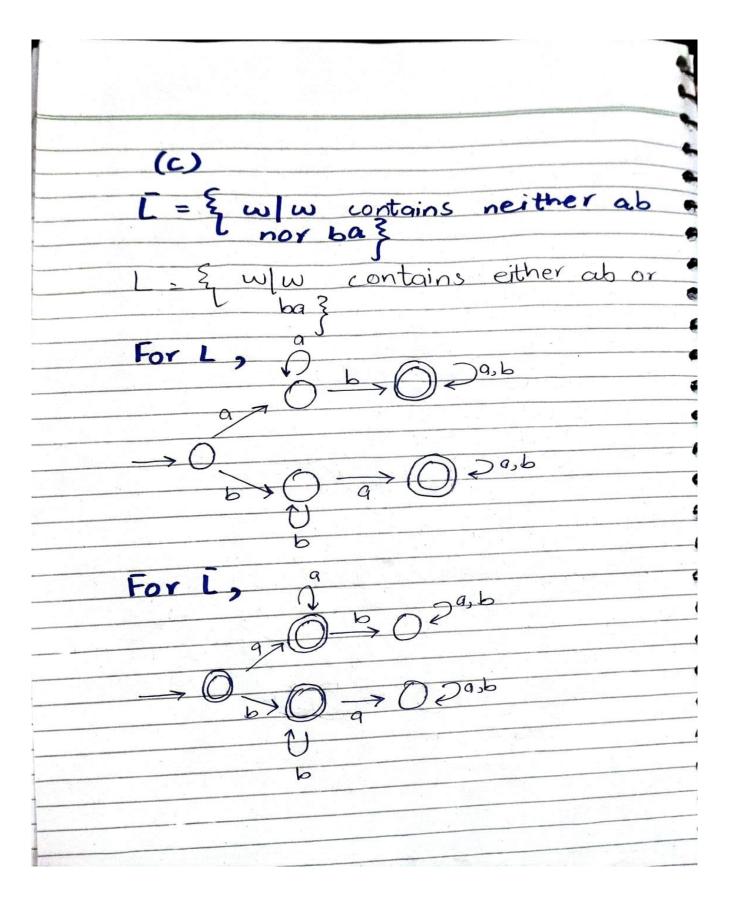






Exercise 1.5:





(d) & w/w is any string in ats } For For is any string not in is any string (ab+)*3 (e) For L, 1)9,6 For L

Exercise 1.6:

