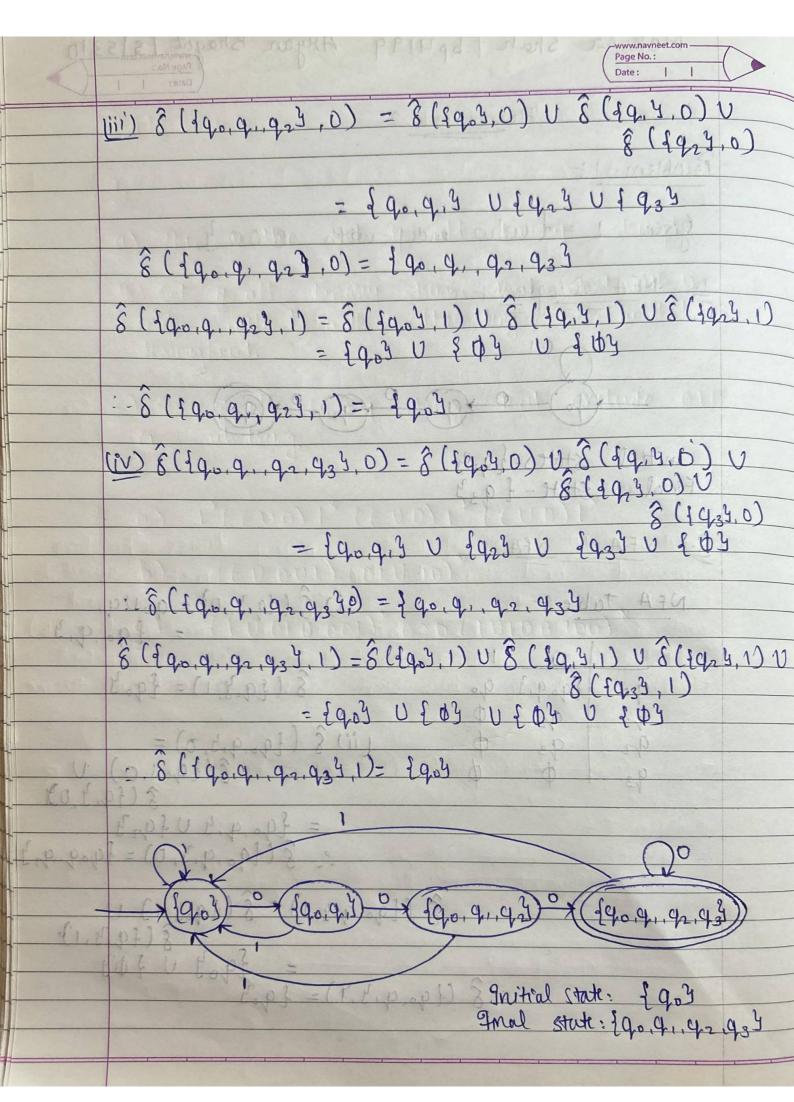
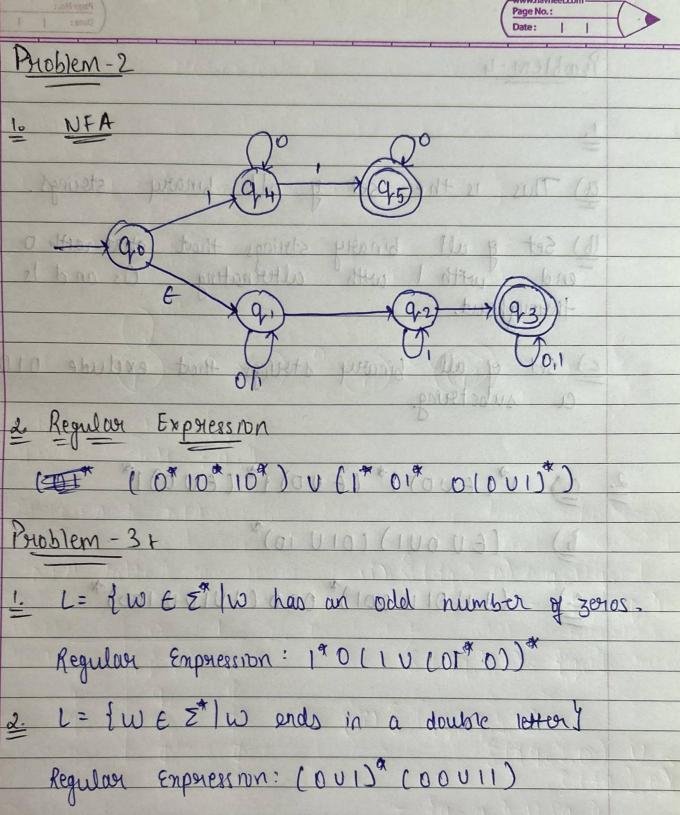
	Moksha Shah bp4199 Aryan Bhagut 1515310
V	(0.800) 8 U'Homewoodk-2 (0. Ep.p. p. 1) 8 (m)
	Paroblem-17
	given L= {w w ends with 000 y
	8 ({qo, qo, qo, qo, qo, qo, qo, qo, qo, qo,
(1.1.	1. NFA Diagram; = (1.80p. p. p
	60 011 603 0 6003 = 100 100 100 100 100 100 100 100 100 1
711	90 0 92 0 93 011 8
V	(Initial) states- (9.3) ? = (0, 8 p. p. p. p. p. p. p.)? (4)
(0.tl	Final State - { 933
Ł	2.1 NFA the DFA DFA DF U PODE
	NFA Table + 00 00 = (1) { (1q.), 0) = qovq,
. 1	= fq. q.3
	q0 {q0,q,3 q0 \$ (\q0,3,1) = \{q0\}
	9. 92 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	9. 0 0 0 0 0 1 (19.3,0) V
	3 (((,) , 0)
	? 8 (490,4,3,0) = 490,9,923
(8 (4903,1) U
C	= {9,9,0}
	En 1 - state list = ? & (dqo,q,3,1) = {q,3
Pap	p. p. opf: titte lant







3. L= {WE E | W contains exactly one double letter }

Regular enperession:

(EUI) 2013, 00(10), (ENI) N(ENO) (10), 11 (DI) (EUD)

