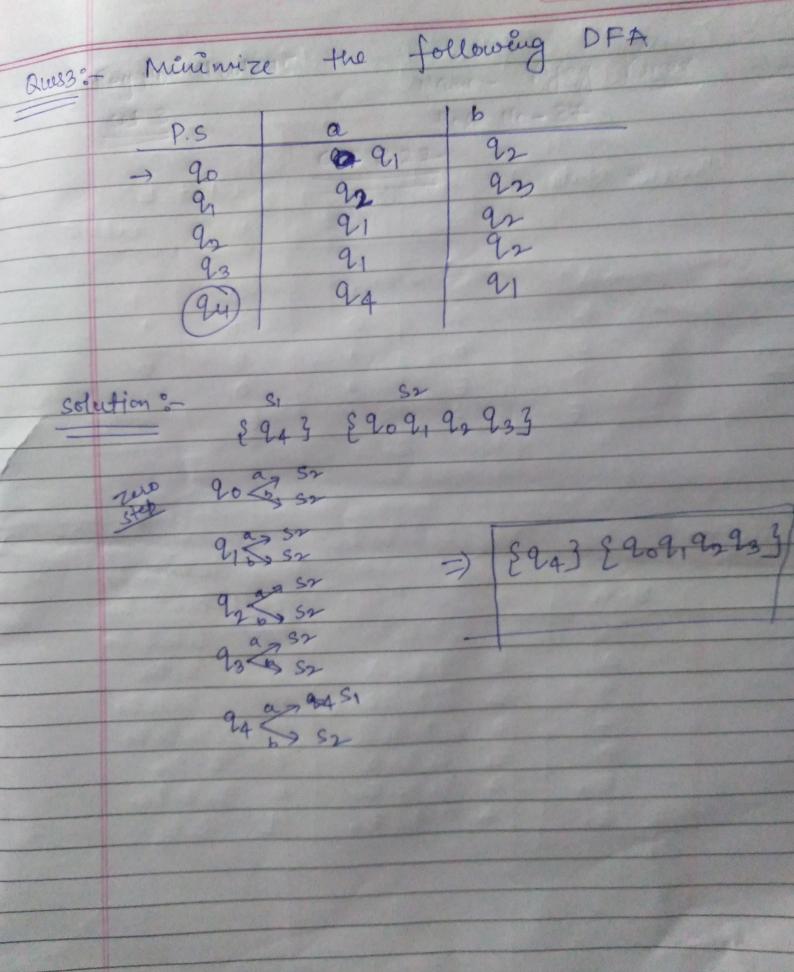
Reg No - 11801375 Name - Ajay Cuar Rood No = 37 set 3 OSE 322 Queste- Design DFA for the strings, in which the third character of the strings should be 'c' and also last character of the string 15' ones the = 30,6,03. a,b,c

	The same and the	N.	731 100
-	P.S	0	
	- 90	20,21	9192
100	9,1	19122	9,92
	20	9292	9320
300	(98)	2021	2091

Solution

	state	0	1
	20	9091	9192
	9091	909192	919293
	9,92	919293	929390
	209192	20919293	91929390
	919293	91929390	92939091
	92 92 90	92939091	93209192
	20212223	90919293	9,929390
	21	2192	2223
	9293	22232021	23909,
	202123	92222021	2232021
	92	9298	2320
	2320	2091	202192
	93	9091	2021
Sele.			



148 Convent the following moore machine Aues 43 mealy machine. Next state output Present State 0 B A D B B C C D Solution: medy table b a state 8,1 A. 0 D, 1 B, 1 C.1 C A,D B, 1 D

Ques: Convert the following machine to moore machine.

Present State	isput = a		imput=b	
mesery -	N.S	output	N.S	output.
A	BA	0 A	A	
B	C	0	D	1
C	D	1	В	0
DC	E	1	A	1
E	A	1	E	0

Solution

	State	a	Ь	output
1		100000000000000000000000000000000000000	149.A	The state of the s
	A	B	A	13
	B	Class	D	0
	C	D and	В	0/4/4/1/4/4/4/4/4/4/4/4/4/4/4/4/4/4/4/4/
	D	E <sub>1</sub>	A	1
	Eo	A	Eo	0
	E,	A	Eo	1
		1		

Design NFA for the blundy strings, which accepts the string in which third character of the string should be 1, over the == 50,11.