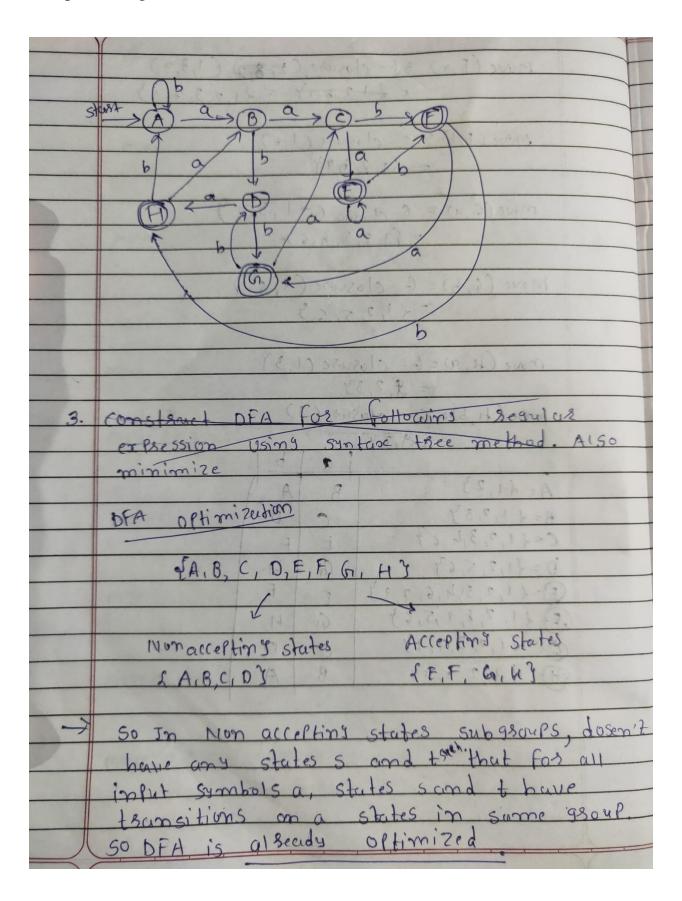
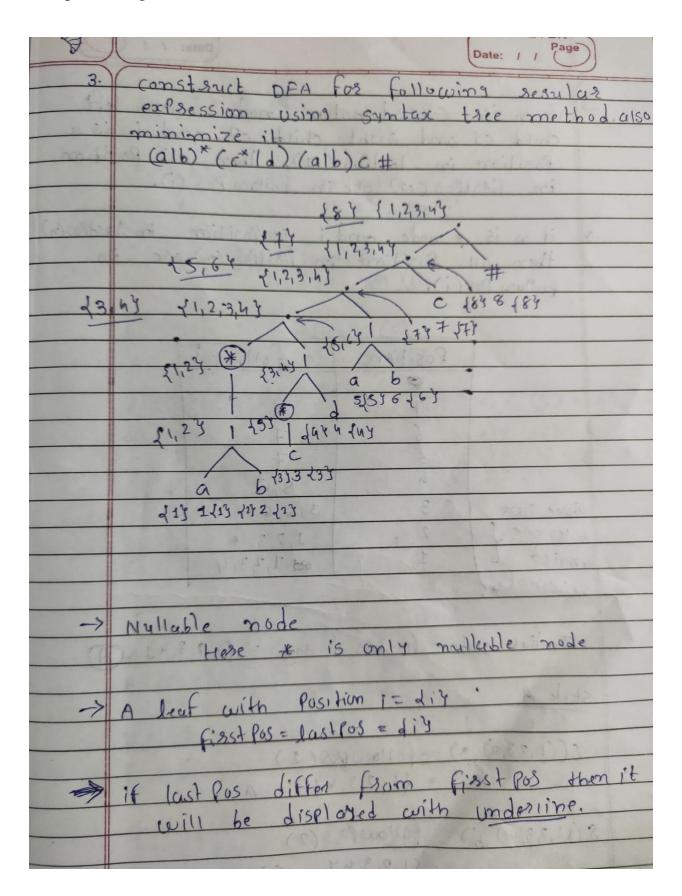
180170107030	
Gabu Siddhusth Page	
J. Corbat is sesulas 1- 2- 2-2	
definition for followings	
100000000000000000000000000000000000000	
a. The set of identifiers of Jung language	
(OM) MIPON DO COMOSIGNOS 15 - 15 0	
sussounded by 1+ and 1 without	
The state of the s	
C. All size it appears inside the quotes conti	
the stands of o's and 1's with assen	
number of o's and an odd number of	
di pricincense mad 670 6 100	
Regular expressions are used to denote	
Segular age ised to demote gegular language	
A language is segulas if it can be expressed	
in term of segular expression.	
3.114 - 4.11	
digit -> 01219	
alphus > alphu alpha*	
dias > dias dias ex	
id > alphas(disits* (alphas*)*	
* k k - N 181 K	
(b). 5-> 1+ (00+11)* (01+10)	
(b). 5 -> 14 (c) E> (00 f 11) * (01+10) (c) E> (00 f 11) * (01+10)	
G->1" 6 +01 +01 E9-> I(O) +OI	
€657 → [~"*"]	
ES2->[~"/"]	
(0900000015) 5 (EST/HESL) (Q(ESL) (B)(EST) Q))E	

	1 34n tax to	000		
2.	Construct DFA from follow expression using Thom construction method	wing Pson's	Segr S	1/42
120	(alb) * a (alb) (alb) # 0150	minir	nize it	,
	start, 1 +, 2 a, 3 5 4	5)(8		9
	- C105000 C - C105000	(8.7)	1 1	
	E-closyse(1)= {1,2}	2	5	
	E - Closuse (2) = {23}	3	ф	
	E- closuse (3) = {3}	h	5	
	E- closuse (4) = du,67 4	6	b	1
	E- (1054BE (5) = \$5,63	ф	0	
	E-closure (6) = (6)	1	. 8	
	E-closuse (+) = {7,9}	1 0	P	
	(- closure (8) = {8,93	9	9	
	E- closuse (9) = {94	Ф	1 4	
				(
	: 20 = E-closuse(90)	(0 3)	ween !	
	90 = 11,23 (A)			
	Move (A, a) = E-closuse { 8(1,a) US(2,9)}	wm !	
	= f-closuse 12,37			
	= {1,2,3} - B			
人				

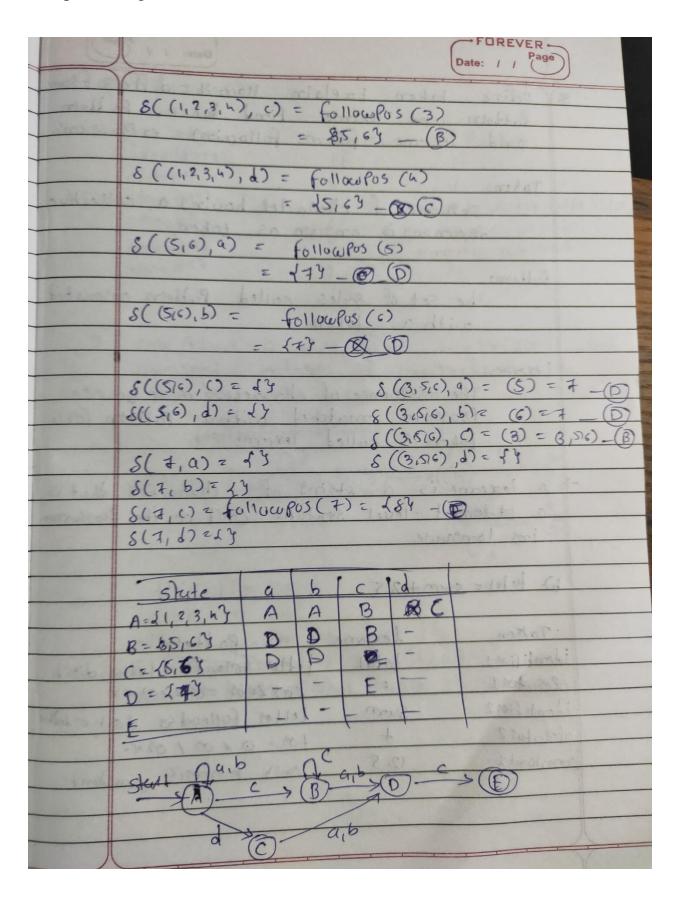
510	Move (A, b) = f-(losuse (8(1,6) v 8(2,6))3
0.50	06-closuse (2)
	= 21,23
80/15P	move (B, a) = E-closuse (S(1, a) v & (2, a) v S(3, a))
	= (- closuse (1,3,4)
	= {1,2,3,4,63
T FI	move (8,6) = 6-closuse (8(1,5) v8(2,6) v 8(3,6) p 8(4,6) t
	5(6,6))
	= = closuse (1,5, 8)
15	= 11,2,5,6,23 - 0
	more (C,a) = E-closuse (1,3,4,7)
	= 51,2,3,4,6,7,9) - E
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	move (c, b) 2- C- closuse (6,1,8)
	2 {1,2,8,9,3,6}-
	o p p p p p p p p p p p p p p p p p p p
	move (b, 4) 2 (closure (1,3,7)
	E {1,2,3,7,49-(6)
	\$ \$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	move (0,6)= G- closyse (1,8)
	251,28,9) - (1)
	move (5, 4) 2 6-closur (1,3,4,2)
	2 {1,2,3,4,6,7,4}
	move (8,5)2 G-closure (1,5,8)
	2 11,2,5,6,8,94

	Date. 1
	The state of the s
move (F, a) = (- clos	sure (1872) (1,3,7)
= ++3	8,13 = 21,2,3,2,93
Car de la	5) = 2 - (0) = - (A) = - (A)
move (F, b) = G-clos	use (1,8)
2 51,2,8	799
20 1 2 1 1 1	(1,3,49
move (G, a) = 6- close	BC ()
= [1, 2, 3), 4,6)
move (6,6)2 6-clos	sure (1,5)
= < 1, 2,	5,63
di	
move (4, 9) = (- clos	use (1,3)
= \ 2,3	9
move (H, b) = 6 - (105	juse (1)
= 4,24	
	9 3
A= d1,23	BA
B= 21,2,39	C
C=11,2,3,4,64	GARAGE
b={1,2,5,69	E
E-{1,2,3,4,6,7,1)	GH
F-11, 2, 8, 9, 5, 63	The Decision of the
G= 21,2,3,7,99	B AODBAL
(H)= 11,2,8,93	
	SO THE MAN GLERPHON
S CONTRACTOR CONTRACTOR	1000
have been been been	The Market State of the State o





SO WEST PO	insultat sol	And Amelican I a		
it n is	if n is concatenation node with left			
child c1	child c1 and sight child c2 and 1 is a			
Position	Position in lastlos (c1), then all Position			
in fisst	in fisstlos (c2) ase in follow pos (i).			
	PRICE, 13 PRI			
> if n is	-> if n is * node and i is Position in lustPos(n)			
	then all Position in firstlos (n) use in			
	(i).			
487 9.18	2	success tree		
THE RESERVE OF THE PERSON OF T	REPAIR TO			
	Position	fo11000 903		
	69			
	्राह्य के मु	8		
	6 YN)	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		
	5	1		
	4			
	3	3,5,6		
above Two				
gules use s applied	1	1,2,3,4		
applied L	1	1,2,3,4		
be cause of 1x1	because of 1*			
		-> Milliolle mode		
Initial sa	ute = fisstpos	f soot = {1,2,3,43 -(A)		
State A	The st ni	A low with food		
39.4				
(((122.)	2 (1 22 2) 2 (11 2 16 1 2 2 6 1 6 2 6 1 6 2			
3((1,234)	S((1,2,3,4), a) = followpos(2)			
firett conta	= {1,2,3,4} A			
odisahon.	S((1,23,4),5) = follow pos(2)			
5((1,23,4)	S((1,23,4),5) = follow pos(2)			
	= 51,2,3,44 - (A)			



	Date: / /	
5.	Petine token. Explain How it differs from Pattern and lexeme find token, Pattern and lexeme from following expressions.	
	Token: Sequence of chasactes having a collective meaning is known as taken.	
	Pattern: (a) (b) (b) (b)	
	The set of sules carled Pathern associated with a token.	
	Lexemes!	
	The Sequence of chascectes is a saisce Program matched with a pattern for a token is called lexenne	
	17-16 (35) 5 (4-(0.4) 5	
	a stowest - level syntatic conit in the frogramme ins language	
	b). to ta) = sum +12:50 d d d fresh	
	70 Ken lexeme Pattern identifiers total letter followed by letter distit ofesators = cos 2>01 =>	
	identifier? Sum - letter fullwoodsy disit or halter oferator? + tor- or x or 1 or 1:	
C	onstant 12.5 only numeric constant	

10

0	Date: / Page
(a)	
	reministration of the following
	70 ken ledern Pattern
31.13	identifiers if
	ofesator!
100 day	operator 2 = letter followed by letter order
1000	201,710
4113	Consolina Conso
To mil	
No.	promises of 0's cond com 600 man
le.	construct a DFA from secognizing the
۷.	unsigned integers & unsigned seal
0.00	number with suction.
1 71	0 - 1 17 7 - 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	digit-d -> Olal9
	Da de ESE
	Sust (2) -> (3)
	(A) 22 = (B)
	The second secon
	to forth fark and 1
	digit = d -> 01111-19
	110
	official fration > divides le
	oftional faction > distorted distrible oftional exponent -> (E(+1-1E) distrible oftional exponent
	much -> disits oftional fraction official eafonont
	1000
	(123)(2) (223) (121/1/121) ((2(22) (2))