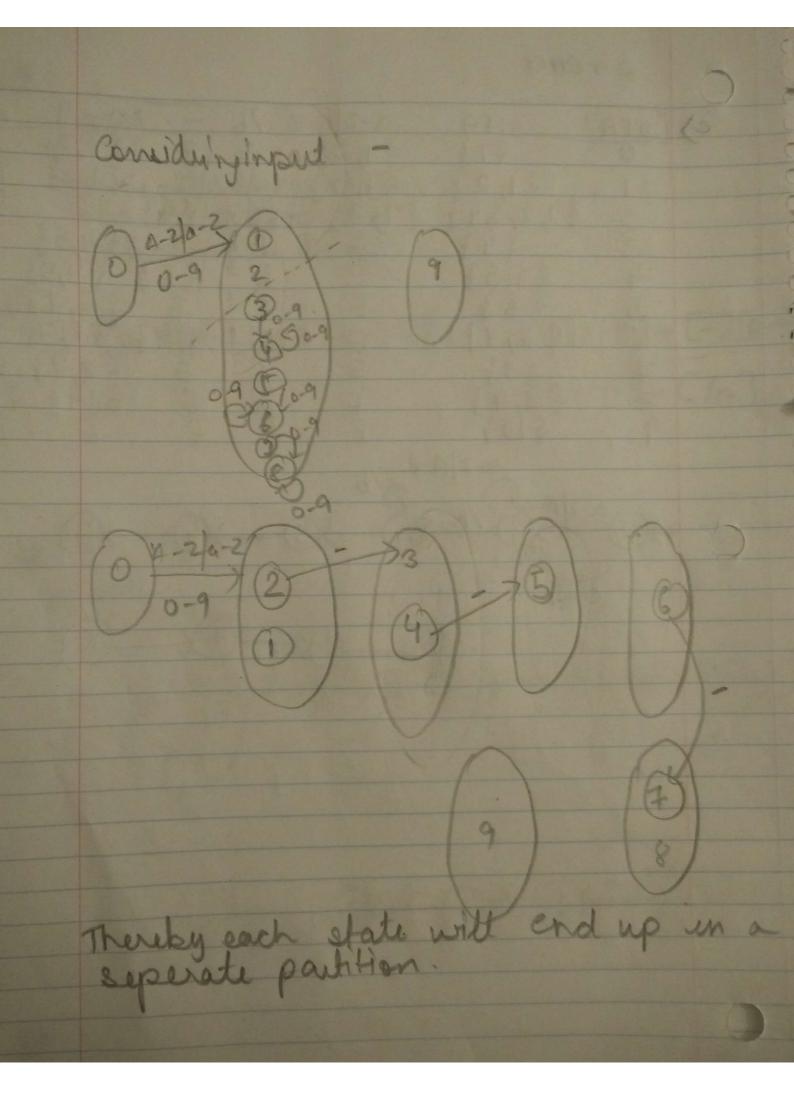


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e) # include (stolio. 1) #include (segen h) roid regemp (char string, char spottern)

regent regen:

regent regen:

regent regen:

regent pattern = "Ca-z|A-z|O-D+C/bJ+l-J.

Co-9J+C-JCo-9J+EJCo-9J+

CmJ" if (regenec(& regen, str., somdeh, 0)) printf ("ERROR")

else.

match neeplace (astring); ient main ()

& char str [];

puts ("Enter string:");

gets ("str);

regerp (lstr); I void notchreplace (char * string).

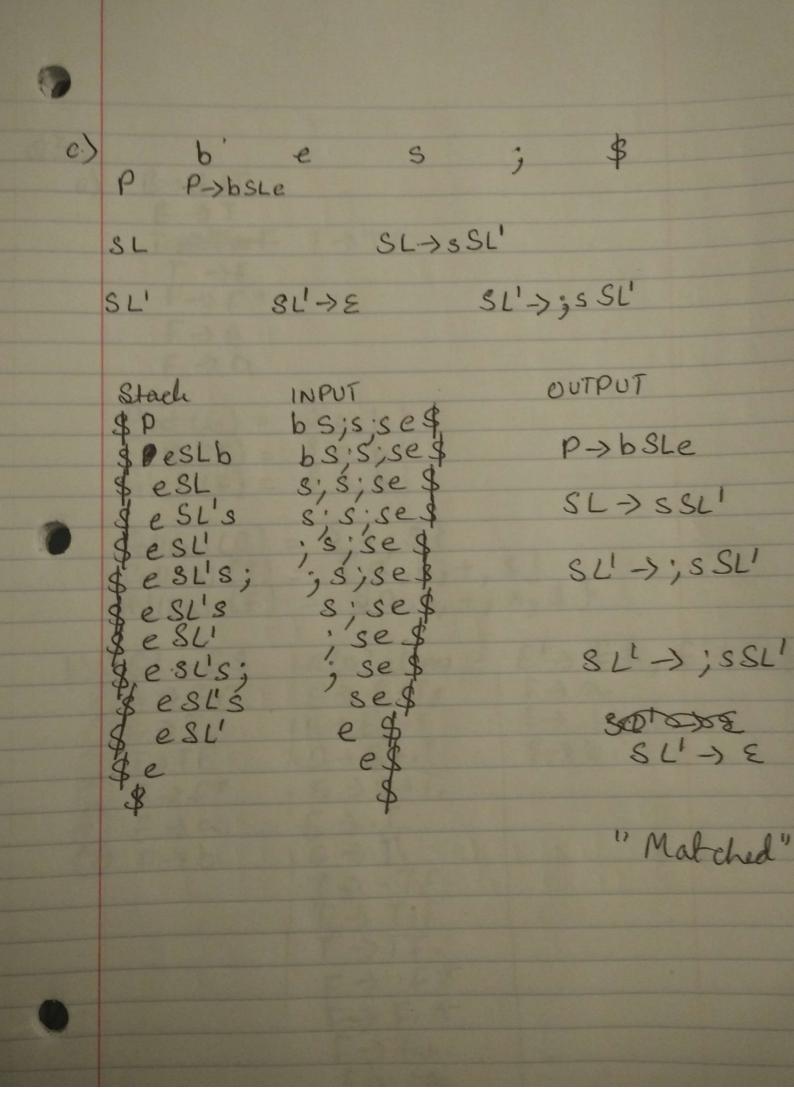
§: first under ('')

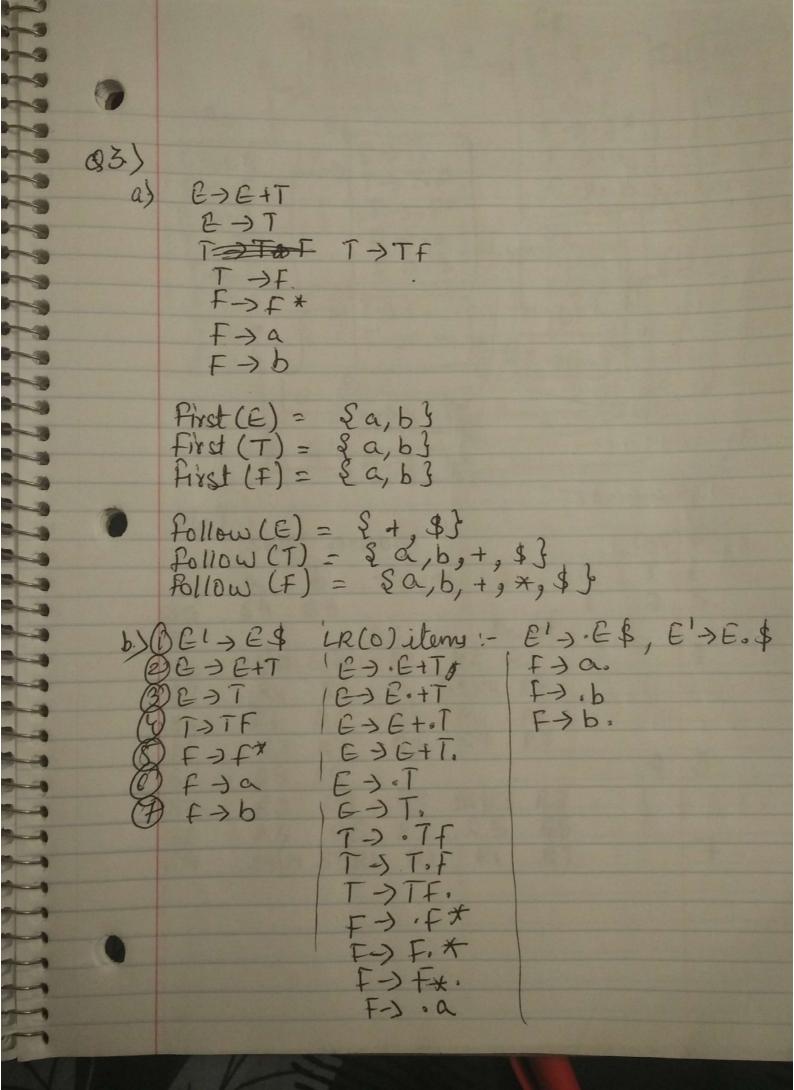
parks for the string subfill, i)

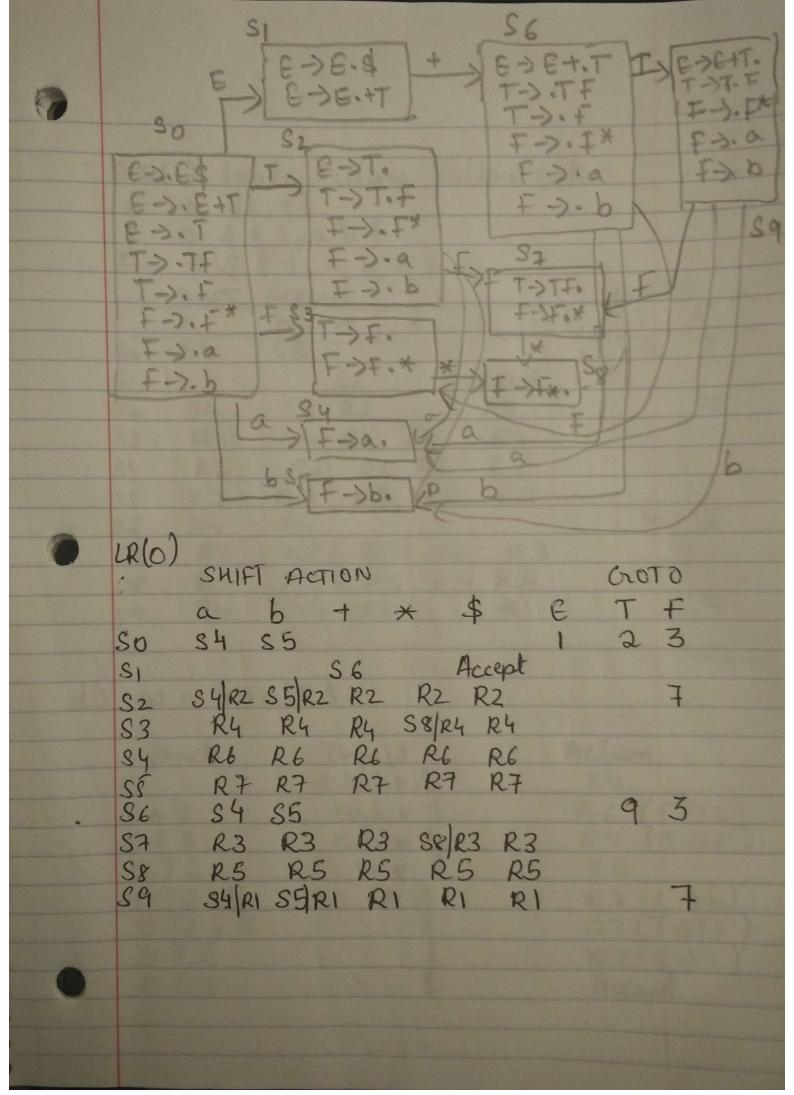
/Shulody find index of last: 1 and replace

by', and do appropriate print y

2.) a) P-) b SLe SL -> SLisss Removing left recursion P-> bsle SL-> 3SL' | 2 Already left factored b) first (P) = 263 First (SL) = \$ 3 } Print (SL') = \$; , & } FOLLOW (P) = {\$} FOLLOW (SL) = § e3 FOLLOW (SL') = FOLLOW (SL) = Le} considering
first+(P) n first+(SL) n first+(SL!) = \$
So the grammer is LL(1)







-										
SUR(1) table using follow sets										
E -> Ss. +4										
t → &3+,ab} F → & \$, +, a, b, * }										
SHIFT ACTION COTO										
	-	a	0	+	*	\$	E	F	Ŧ	
	So	84	85				1	2	3	
	81			\$6		Accept			М	
		34							7	
		R4								
	39	RG RA				RA				
	36	34			1	-		9	3	
	ST	R3		R3	38	R3				
	38	RS			R.S	R5				
	59	84	55	RI		RI			7	
d) w = a + a b + \$										
07 m = 0.00 4										
	Sh	ack	Input.			Action				
	0 atab*\$ s4									
0a4 +ab+\$ R6 (F-)a)										
	0+3 ab + \$ R4 (T-)+)									
	OT.	2		6 * \$				55		
		265	7 \$			R7 (+-16)				
		2 F 7	\$				R3(T>T+)			
	OT	Name and Advantage of the Owner, where the Parket of the Owner, where the Owner, which is the Owner,		\$			R2(E-)T) Accept			
9	OGI & Accept									
								'		