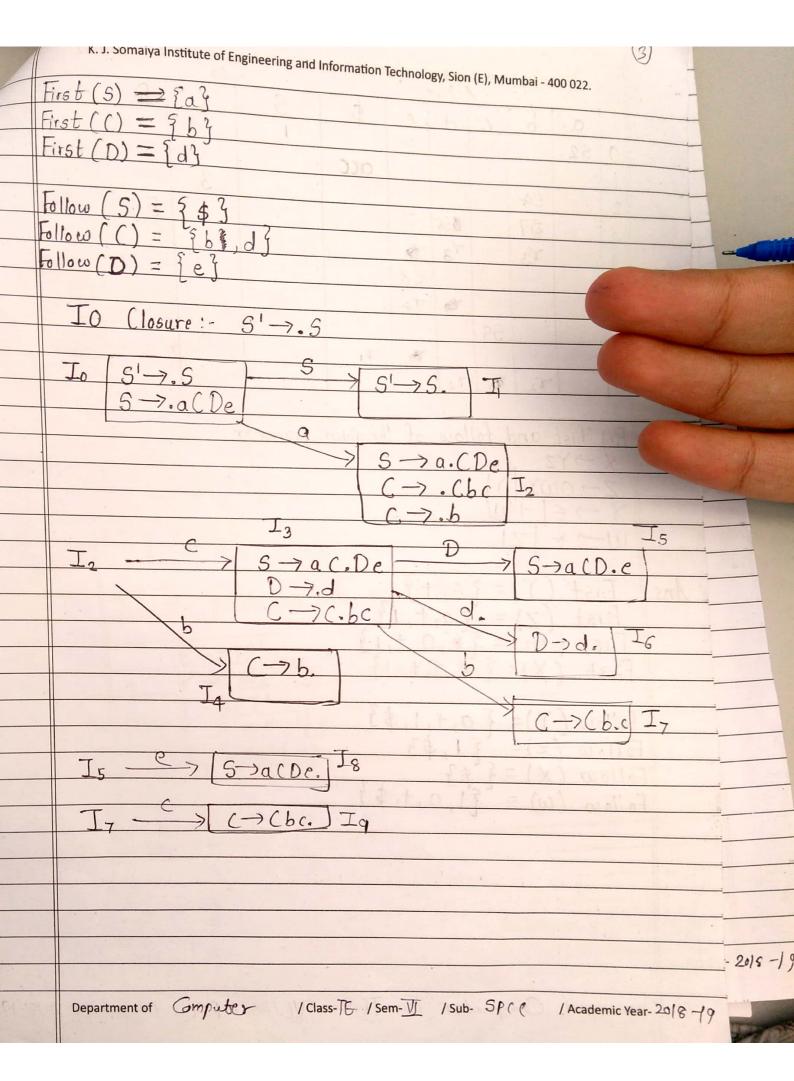


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400.022
K. J. Somaiya Institute of Engineering and Information Technology, Sion (E), Mumbai - 400 022.
Operand 2 Access
Operator Cherary to the transfer of the transf
(1) *
(2) Original b to t5
(3) + +2 T4 a (4) + t5 a code for global
(5) := In quadruples it is easy to rearrange coac.
(3) (4) † (5) := †5 (5) := to rearrange code for global (5) continue ation optimization optimi
11)1500 (20)
A log as follows
Triples A triple is a record structure howing three fields as follows: A triple is a record operand?
1 morary names the file that compare that compare that compared that the falls
A triple is a record structure howing three more many A triple is a record structure howing three months are symbol table, we might operator operator operator of the symbol table we might be a temporary value by the position of the statement that computes it, refer to a temporary value by the position of the statement that computes it, refer to a temporary value by the position of the symbol table or If we do so the three address code can be represented with only three fields. The ado so the three address code can be represented with only three fields. The ado so the three address code can be represented with only three fields. The ado so the three address code can be represented with only three fields. The ado so the three address code can be represented with only three fields.
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name or control represents the intix notas-
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1× × 1 (1) ×
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2.7 1 (a)
(5) Assign VII (Sub- SPCC / Academic Years
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	1. 1 -01-	Triples ten	novaries	are imp	lieit	Na.	-400 022.	TO
	Disadvantage:	In triples ten	it is c	difficult	to rearran	nge code.		
	21300000	11						
	Indirect	Triples	0 1.	11	1 4 1	hard have Com	alland to	
	Another imp	lementation	of three	-address	choose the t	has been con	lues. This in	That of
	listing poin	ters to triple:	at triol	of In in	direct triple	s we use an	array st	appementation atement to
	list painters	to triples	in the d	esired or	der	nin di	vi el midd	81
		Statements	1, -1	#	Operator	Argument		
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		101	\rightarrow	101	*	В	100	
	2	102	\rightarrow	102	uminus	C	210	
	3	103	\rightarrow	103	*	B	102	d A
	4	104	\rightarrow	104	met the	101	103	
	2	105	\rightarrow	105	= =	A	104	
	Advanta	eges:	H - 1	to a str	ay sie pa	properties	ad and	eler i
	-A 8	totement co	in he ma	emporarie	s are impli	it and easie the statem	r to rearran	nge Code.
	Anna lakan			The section	water It			tide !
/_	37 Cons	truct IRIC	s) Set (of items	s for the	following gra	mmar	(right)
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4ns	First $(Y) = \{ \xi, + \}$ First $(Z) = \{ 0, +, 1 \}$ First $(W) = \{ *, 0, +, 1 \}$ Follow $(Y) = \{ 0, +, 1, \$ \}$ Follow $(Z) = \{ 1, \$ \}$ Follow $(X) = \{ \$ \}$ Follow $(W) = \{ 1, 0, +, \$ \}$										
d spin	De	epartmer	nt of	Cam	nut	er	/ Class-TE	/ Sem/	Sub- Sp	/ Ac	adem

	K. J. Somaiya Institute of Engineering and Information Technology, Sion (E), Mumbai - 400 022.
J.5 1	Remove left recursion from the following grammar:
	T > T * F F
	+ -> (£) [id
	Left recursion = A -> Ax B then
	$A \rightarrow \beta A'$ $A' \rightarrow \alpha A' \mid \epsilon$
1)	Y E -> E T I T
	$A \rightarrow A \times \beta$ Thus $F \rightarrow TF'$
	Thus, E-TE' +T E'-> E'-> E'-> E'-> E'-> E'-> E'-> E'->
2	$\gamma T \rightarrow T * F F$
Th	$A \rightarrow A \times \beta$ $T \rightarrow F T'$ $T' \rightarrow *F T' G$
-	
	Thus, the production rule are as follows:-
	E -> TE' E' -> +TE' E
	$T \rightarrow FT'$ $T' \rightarrow *FT' \mid \epsilon$ $F \rightarrow (E) \mid id$
	F -> (E) id
D	Department of Computer / Class-TE / Sem-VI / Sub- SPCC / Academic Year- 2015 - 19