

Scanned by CamScanner

The same		Semantically incourset & multix flood & int  (a) infinite look  (Camlin Page)
181		and and O dividing by O. Date 1
-	अने नित्र ह	CFG. When reduc' happense greek mic
		the actions taken
1		Broduc Semantic actions
本	Po	P' > P
No. of		Angonented Asolvic
17.		Const of the Const
道		P-romain & STIMISY
1		
1		STATE - STATES
-	10	57475-35
To the	100	5-> carnot: 5)
A	2	551
-		ret v
		SI - DS   RS   WS   AS   JETS   65   SS
6	1	
		DS - int var ' { paintf (" INT", var name) }
		feat val ; FLOAT Valengme) x
*37		RS -> lead (vor). { peint (vos. name= "READ()") }
	2	a de la companya de l
		NS -> write ( vaz) o   Printf ( vaz. names )
4		AS -> ~ar= AE; } } print (ver name = AE. rerp) }
3		TAT -> AE+T
		var -> a/b/2
		(ono) -> 0/1/2-1/102
		Const -> 0/1/2-100
	Tells 1	AE - AC-T perint (AE oxp + 7. exp)
8		AE -> AE-T    Jen (AE . exp = NewTempt)     AE -> AC-T   Jen (AE . exp + T. exp)     AE -> T   Jen (AE . exp = NewTempt)     AE -> T   Jen (AE . exp = T. exp)
	PERM	2 make (Acresp - Texp)
	-	
		Saannad by Cam Saannar

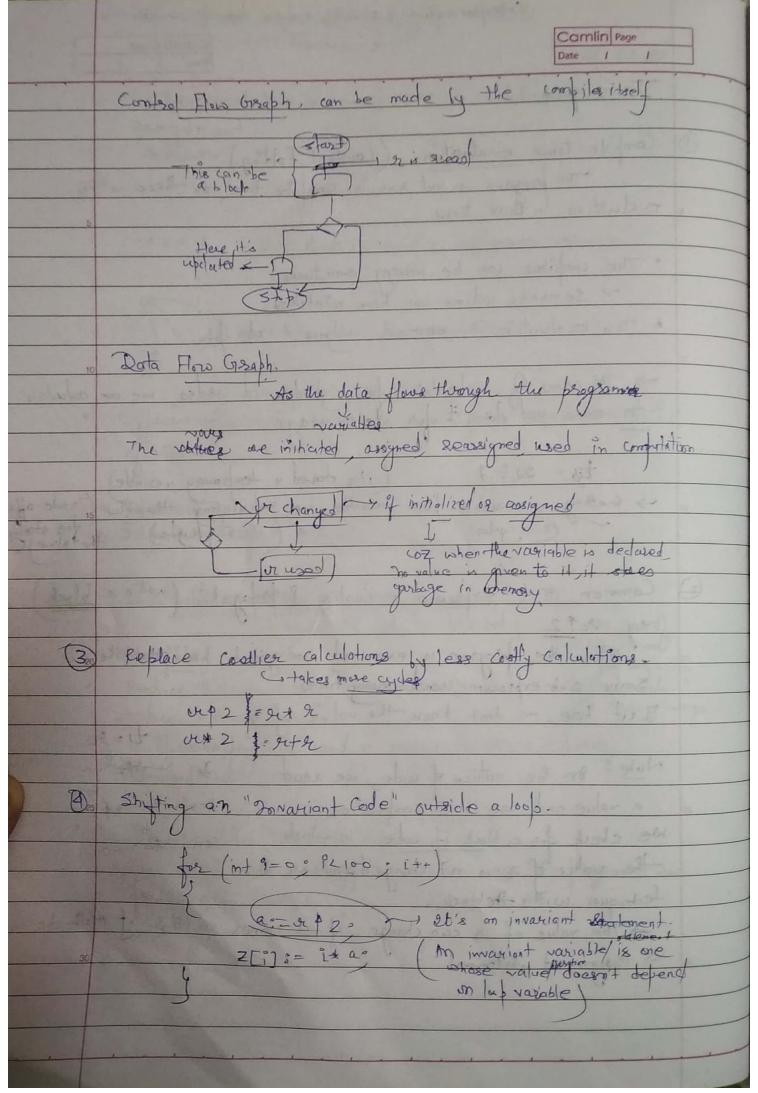
	or mada la la
( a noo variable	because this T is Camlin Page
Ledwood	to T. S Camlin Page
イン・エット	Qate   Page
	2 gas (T.ex)= NewTen(20)
	The second of th
イツマノチ	The state of the s
T→F	of thick at the second
1-1	
111 5	-8
F-> Giffo F	about a domestic / / Park
F -> G	assertation beauty to the last of
6-raz	
5	probability s
Go const	make (h. a) = const.
6-4 AE)	I make (G. ex) = AE. exp)
Contract to self-all	de delegates
	The state of the s
100000000000000000000000000000000000000	in the parameter and a
	Land Crethan B. C.
Maria with the last	in the pullation
8	where it with intermediate
	City of the Control o
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The state of the s
	Scanned by CamSca

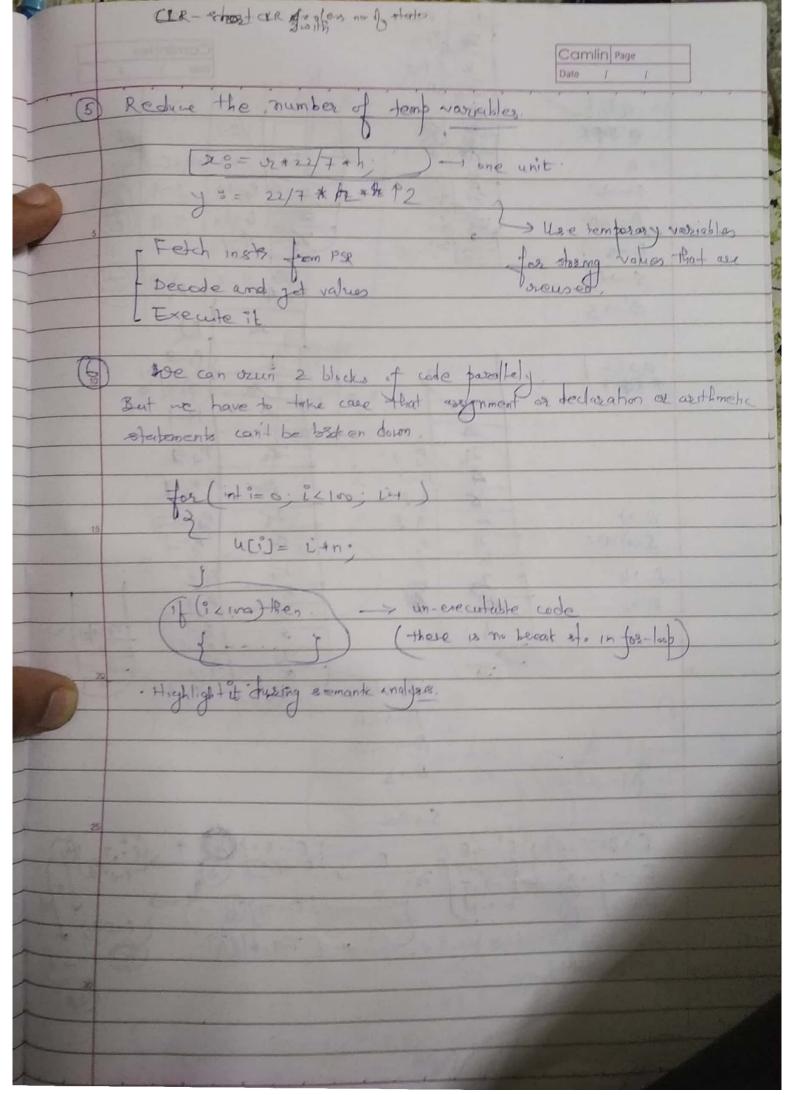
Scanned by CamScanner

· 9-10 semantie analysis methods were discussed Camin 1999 1988 221 04 UD Declarative elatements and semantic action Assignment . Andrew . this doesn't need a temperary variable I ge made a demporary variable Defferent of larguages came from compilation foint o Viero > Typechecking. · Code dotimization (Intermediate loda is aptimized) = In case of · In case of Benefite: dan't get any a dien which are reduce " Reduce the number of variable so as to reduce memory usage.

If enoughing is used in memory to whitee it hatter The execution time is reduced. Even 10/ or 20/ serving is huge because the programs sun goz soveral minister.

Code ophin 12ation & semantic analysis	Jone in combile time
The second secon	
	Camlin Page Date / /
Techniques.	ma will taken in the test
1 Compile-time evaluation (Constant Fold	ing
The program is not sun in compile	time so there is no
evaluation in that time.	
	Alusett Tarelland
· The compiler can be wrong sometimes.	4 1777
-> Semantic actions can have mistakes	
This evaluation is semantic analysis 20	ade ofto
	STUSTUS STUTTED STORY
> In cases of coloulation for cylinders a	and circles, we can calculate
n once and store it for later usage	
The state of the second to the second	and a subject of
ty = 2207 (17's stored in	temporary variable) &
15 > Greting a variable from variable vs. co	ecatating the value 1200c-offs
(2-3 cycles)	4-5 Junes the value of
The ball of the same of the sa	1
2 Common sub-expression evaluation & 12	agation (within a black)
~eg 2 2	
when the program is examined we ge	et to know that there is
Some sub-expression used many times	
But here, we don't know the value of	7.
Note: a in 1	\$1 - 4F2 -
Note: on the nature of code, we read	61
We all I want use it in computations.	As me 22
We check for a black of code in which	Asn up
the value of z is not changed and use the	4
technique within Hoblock	m 141 s + 42.11 1
The value of a can change if it com	nes voi Lit. 2. I l'attimes c
30 or Assignment statement	





Scanned by CamScanner