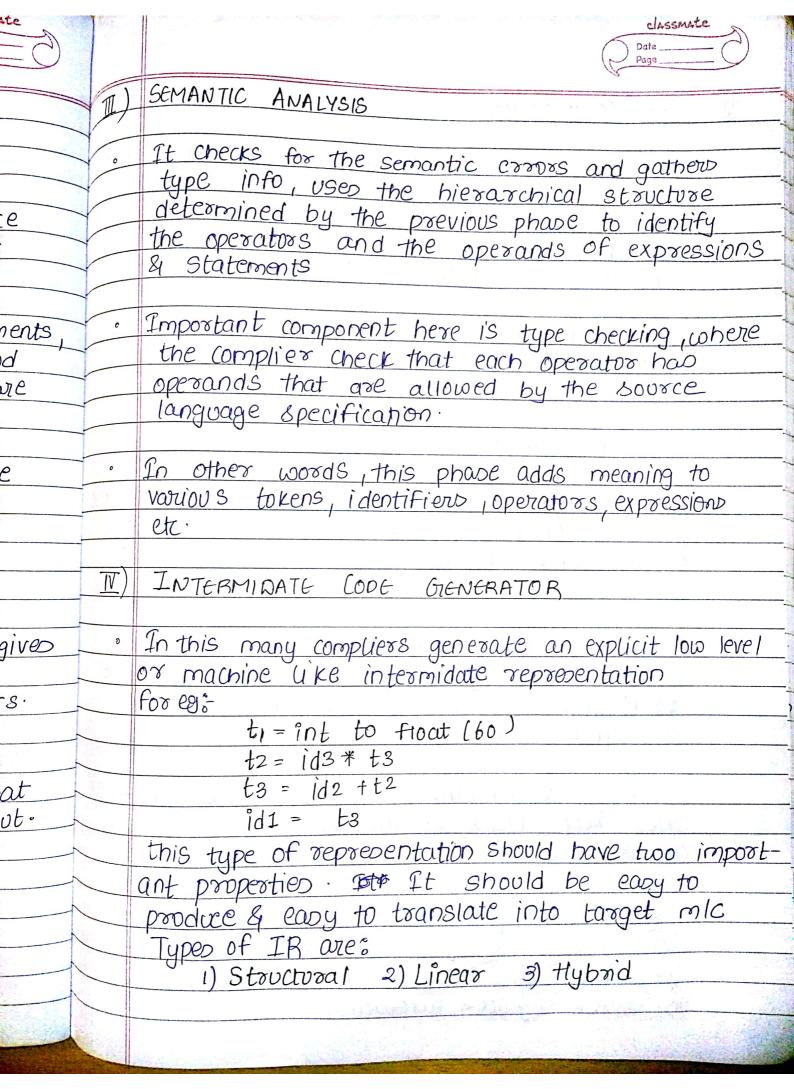


	rage
	LEXICAL ANALYSIS
	The lexical analyzer is the first phase of
0	The lexical analyzed 15 th 1100 pead the complier - Its main task is to read the
	ilp characters and produces of a sequence
	of token's that the prayer uses for syntax
	analysis
0	In this phase, stripping out of user comments,
	white spaces, tab, new line character and
	blanks from the program one being taken core
Į	OF.
	Anne Chatian Common MPGGAAP
•	Another task is correlating error message from the complier with the source program.
v	from the computer with the source program.
<u>II)</u>	Syntax Analysis:
·	291721X 7110e0q212 2
0	In the second phase of Compiler Construction.
ţ	It takens stream of tokens as input and gives
ļ	parse tree as output. It checks syntatic
;	structure of a program & checks for errors.
-	TI involves the arrival of
	It involves the grouping of the source
	program tokens into grammatical phases that are used by the complier to synthesize output.
	The Powe Trees are being made here.
	THE THE WILL DUTY MILE NOLE.
,	Syntax Analysis is also termed as paring
	July Louised as ruwing



	Page
V	CODE OPTIMIZATION
0	This phase attempts to improve the intermidate code so that faster running machine code will result The basic idea of this field is to improve the execution efficiency of the program: For eg: t_1 = id3 * 60.0 id1 = id2 + t1
<u> </u>	CODE GIENERATION
	The final phone of comptilation process is the generation of target code, consisting normally of relesable machine code or assembly code.
9	Memory locations are selected for each of the vociable used by the program other IR are translated into a sequence of mic instruct perform the same task
0	To avoid redundant codes, the code generator must keep track of the register contents at runtime
0	A good code generator would attempt to use these registers as efficiently as possible. This aspect of code generation is caued register amocarion.