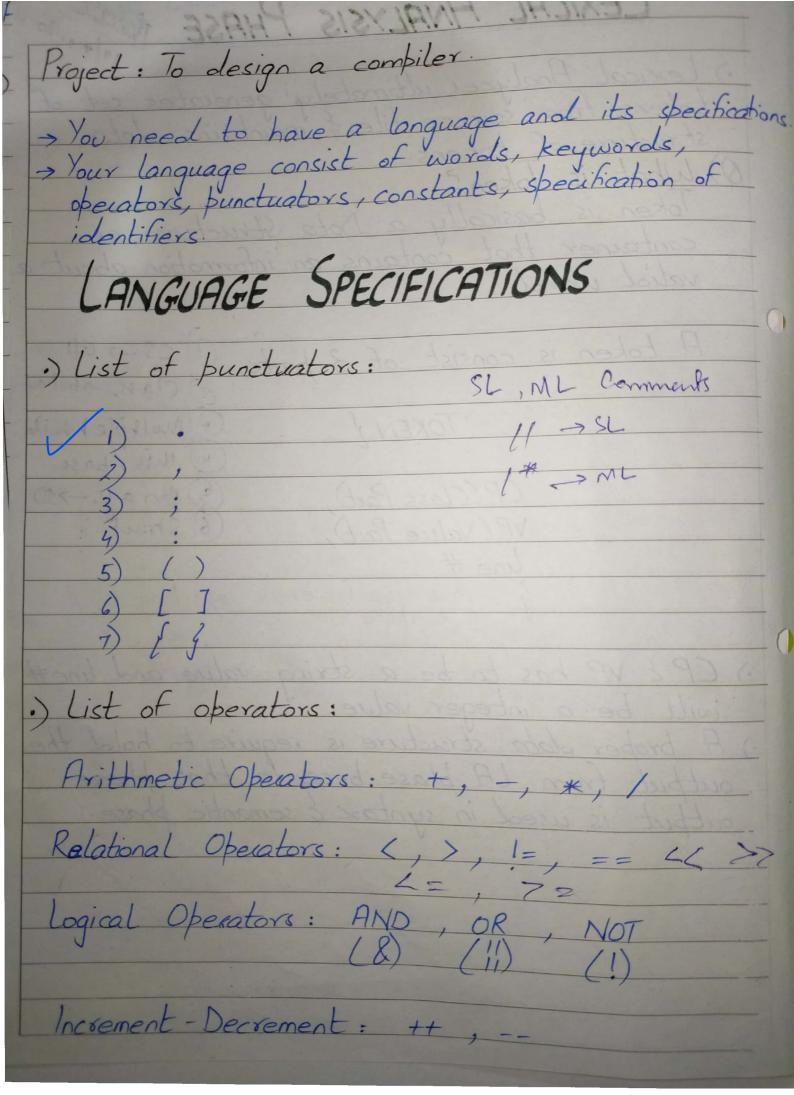
LEXICAL ANALYSIS PHASE PLANTING Lexical Analyzes ultimately generates set of tokens from source file & maintains data structure of tokens. What is Token? Token is basically a Data Structure or container that contains an information about a valid word. OCS-3CH A token is consist of 3 parts, O Class abstract class -> TOKEN { (3) Multiple Inheritan w) this, base 3) Arrays-710 CP (Class Part), VP (Value Part), 6) Struct Line # 4 y is use for error reporting purpose.) CP & VP has to be a string value and line# will be a integer value.) A proper data structure is require to hold the output from LA phase because that phase output is used in syntax & semantic phase.



Assignment Operator: = -) list of keywords / reserved words: Class Keywords V main V Void break break continue while if switch switch case case default default return int data-type data-type float data-type char data-type data-type string class class V interface interface V static static abstract abstract v public access-modifiers

private	access-modifiers
protected	access-modifiers access-modifiers
new	new
this	this
UIIS	CITIS
) Identifiers Specifications:	
) Identifiers Specifications: In our language:	
leither lowercase or uppercase) It can be followed by any combination of alphabets & digits.	
leither lowercase or uppercase).	
) It can be followed by any combination	
of alphabets &	oligits.
A: alphabets [A-Z & a-z] D: digits [0-9]	
D: digits LU-11	
Ropular Expraccion (R.F.):	
Regular Expression (R.E): $A(A+D)*$	
V-achate.	
·) Constants: i) Int Constant = ('+' + '-' + N) D+	
1) Int Constant = CT + - TTV	
2) Float Constant = (+++-++) D*. D+	
3) String Constant = "(\((A+C)+B+C)*")	
3) OLTING CONSCIENCE	
D: H \ S'" \ 4	
P. W.C.	
A: with \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	
L: Willing willout I it)	