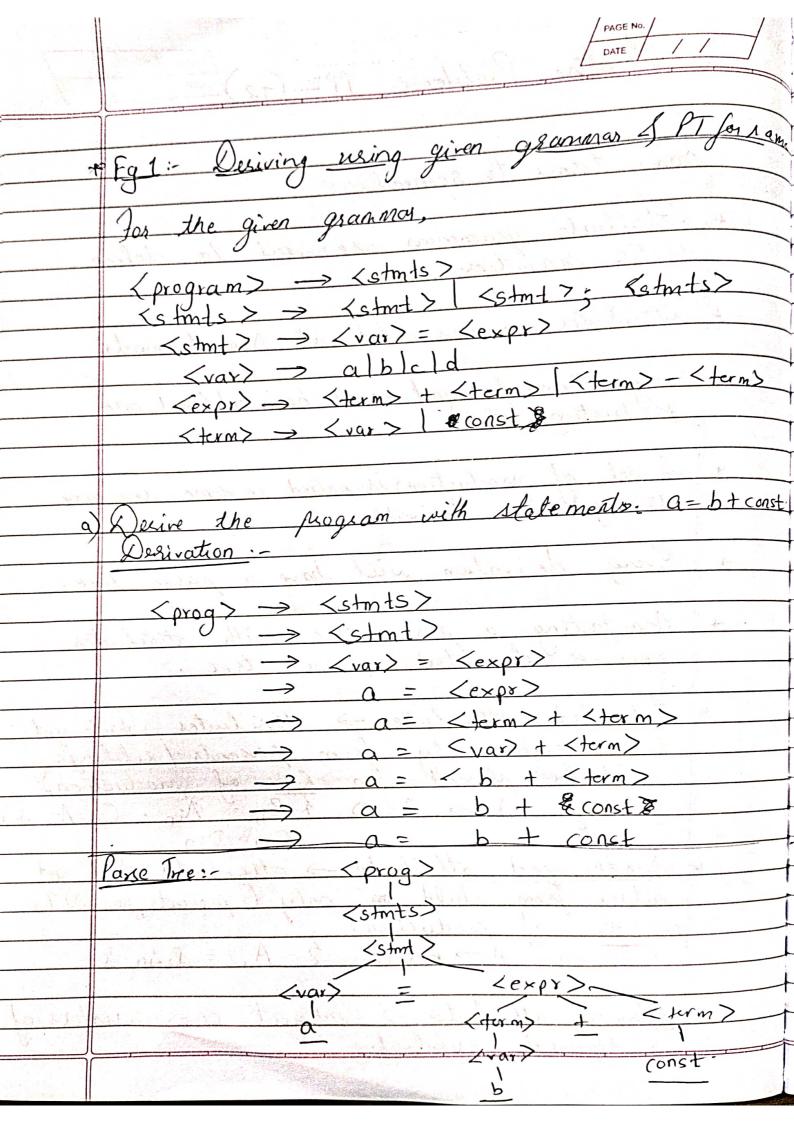
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	Some terms to remember:
A.	Attribute grammors are used to define static semanties
, A	Attributes are associated with Non-terminals
The state of the s	Every Non-terning must have atleast one production (Rule).
*	A set of productions is applied in some sequence to get a derivation.
	Every derivation will have a parse tree.
*	Anotating a parse tree with attributes gives a decorated parse tree.
	Inherited Attributes -> Attributes which get their values only from parents:/siblings. (will be present on RHS of production) eg A -> BCD- 1 Bin = Ain; Cin=Ain de Cin=Din
*	Synthesized attributes -> attributes that get values from child on only (present for N.7)
	Synthesized attributes -> attributes that get values from child on only (present for N.Ts on LHS of production). eg A -> BCD 2 A.s = B.in }
*	Intrinsic attributes -> inhorent characteristics of a terminal symbol.



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<stmt > -> <matched> < unmatched> \(\text{matched} > \text{if \(\langle \text{logic} - \text{exps} \rangle \text{fhon} \(\text{matched} \) \(\text{else} \) \(\text{matched} \) \(\text{any} \) \(\text{non-if} \) \(\text{statement} \)
\[
\text{logic} \quad \text{non-if} \quad \text{statement} \]
\[
\text{logic} \quad \text{non-if} \quad \text{statement} \quad \text{logic} \quad \text{non-if} \quad \text{statement} \quad \text{logic} \quad \text{non-if} \quad \text{statement} \quad \text{logic} \quad \quad \text{logic} \quad \quad \text{logic} \quad \quad \text{logic} \quad \qq \quad \ Sunmatched> if <logic expr> then <stmt>

lif <kgic expr> then <matched> else <unmatched> Desire: if L1 then if L2 then 51 else 52 <stmf> Sunmatched> if (logic exps) then Sstmf) (matched) if < logicexpr> then < stmf> else < stmf) · Every THEN' generated by MATCHED, settles has an associated else on no # THENs' without else can only be generated from <unmatched>

