CS450: Design of language processor. Date: Assignment: 1 Dogw and explain stoyetable of compilers in detail Explyin Tokens, patterns and lexemes. Explain eason recovery strategies in detail, misiliant office of the Explain the Role of lexical Anglitzer. Find out FIRST and Follow set for all the nonterminals. S -> ACB | CbB | Ba proA-)uda BC miniand somerle Brown gol. 6 2 1 8 control born -> bilemine within Elimination of left recypsion. A -> ABd Aquilary B -> Be | b Elimination of Left factoring. 5 -> assbs | asasb | abb | b For the following grummur D -> TL; L-> Lid | id T -> int | flogt 1) Remove Left recursion (if required) 2) Find First and Follow 3) construct LL(1) passing table. 4) parse the following string and draw passe tree for the input: int id, id;

3)	write SLR parsing table for: S-) T,
	$T \rightarrow CC$, $C \rightarrow CC$, $C \rightarrow d$.
[10]	constauct an LALR(1) parsing table
	for the following grammar:
	S-) Aq bAc dc bdq
1 31	121A -> 1d: 11 1/02 . 11/10 1/10/11
11)	Explyin pyadouple, triple and indirect
	triple with suitable example
12)	what is a syntax directed translation
	Scheme! Explain with an example.
13)	list and elaborate on the issues
	of the code generator.
14)	what is the Activation tore 2 record!
15)	Explyin peephole optimization method.
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