CSPC62-CT1 Compiler

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Question (1)

21/02/22

in Tokens:

Token is a sequence of characters that can be treated as a single logical entity.

Types of token:
identifier, keywords, operators
special symbol, constans.

(i) Patteuns:

A set of string on the input for which

the same token is produced as off:

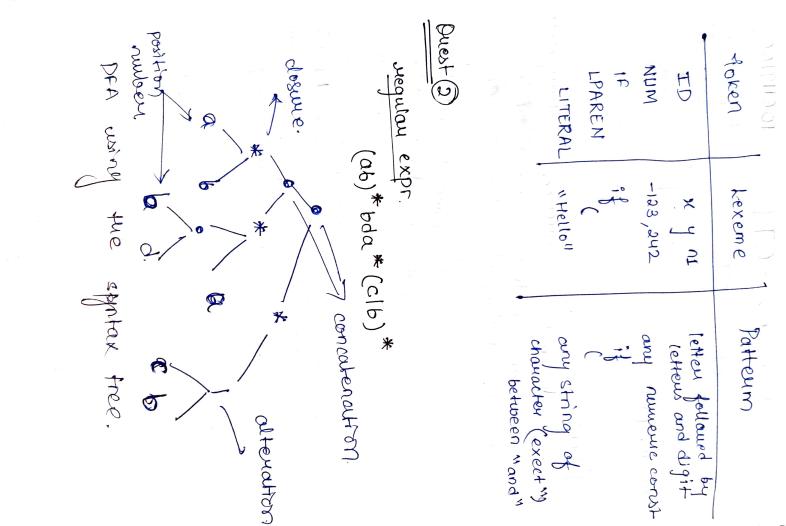
the same strings is described by a mule

this set of strings is described by a mule

called pattern associated with token

the source program that is matched by the patter of a token.

for example:



Naw, Gliven Question 6 Eleminatina Zab, an demine Introducing new nonteuminal, and SR -> BC SR | e SR after removing left recurring by final grammer TR -> astr/6 T -> Tas | dc |a CETSR C -> St | Td; so 9 CSR dctr/ ata SLC | CET | Se as Tr - SLC | CeT | Se - Tas lac la let & securiston esp e St | Td a TR d CR

Grivey Question (F) ,08 Foun(A) Allow (B) > follow (s) PAST(A) = Arst (S) => Plant (B) > powering teuble for Cocoso Teagers OS P H a S St 90 STORY OF THE PROPERTY OF THE P The Contract of the Contract o 0 > * / C; \$ 0 × 0 given gramen, # #

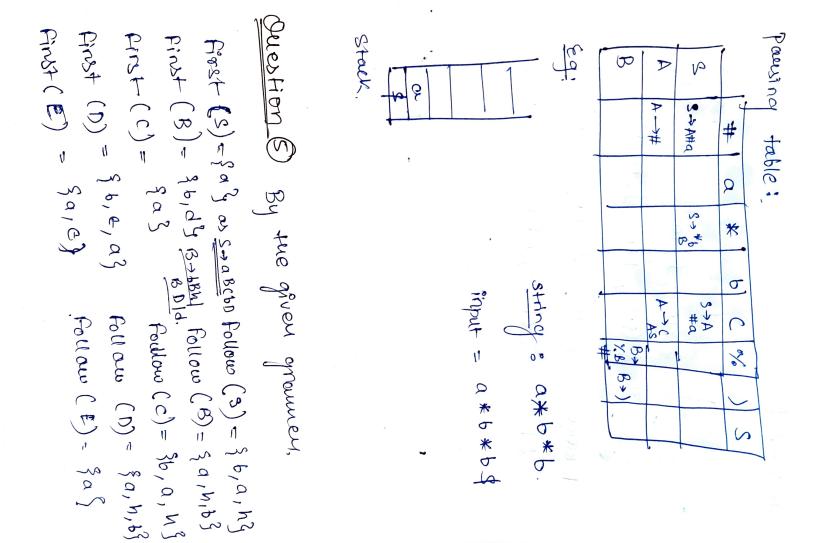
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Question @ Fallato Lirst & Elist], id]. 5 \$ } S 3 (E), EUST], id 3 ?\$,+3 ع **6** { EUST], id } {:, \$,4} COOCO quo defined? { Elist,,id] Elist LR table. Now Gota Action (E) EUST] id EUST[EUZ \mathbf{L} S2 S3 0 24 54 r5 ru M 2 3 r5 15 4 25 97 82 53 S. Ś В 92 6 acc r₂ 7 r2 8 r3 43 9 39 /N 10 10

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Question (3)

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