

CS 419 Compiler

Project Form

Project Idea:

.....project 3.....

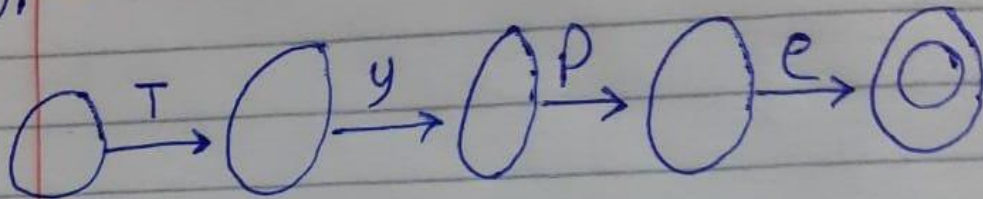
Team Members NO#:

ID	Name	Level& Department	Section(Dayfrom- to)	Role (Lead/Member)	Grade
201900959	ياسمين عادل نصر غانم	3 cs			
201900012	ابراهيم محمود مكي حسين	3 cs			
201900437	عبدالرحمن محمد فكري ثابت	3 cs			
20180142	إيثار طارق عبد العزيز	4 cs			
201900984	يوسف شعبان إمام	3 cs			
20180689	ياسمين محمد حسن	4 cs			
201900496	عماد علي عماد حافظ	3 cs			

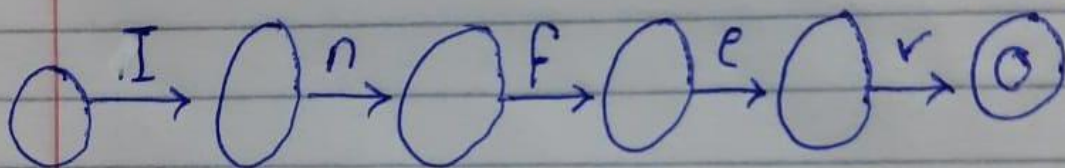
Regular Expression, Finite automata and Conversion from RegX to NFA, NFA to DFA

NFA

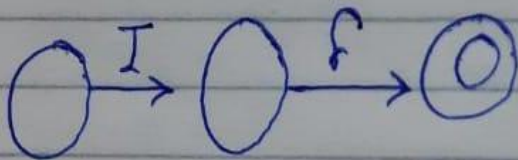
→ Type



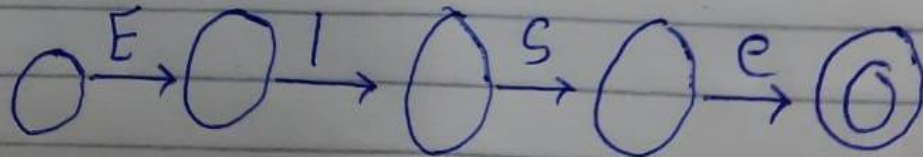
→ Infer



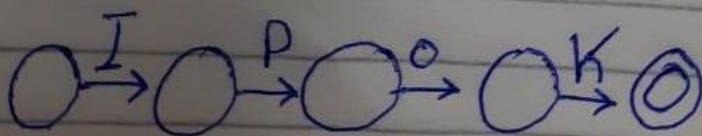
→ If



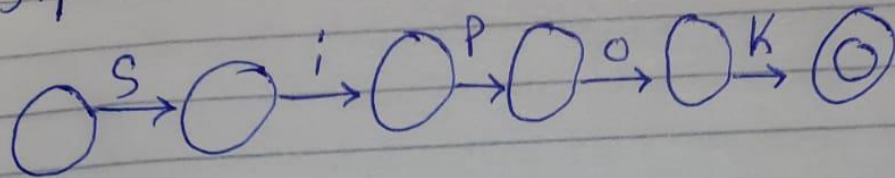
Else



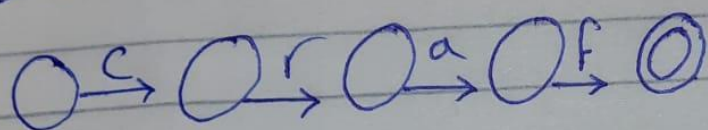
Ipok



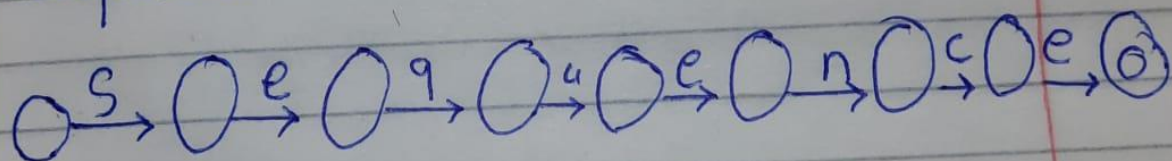
Sipok



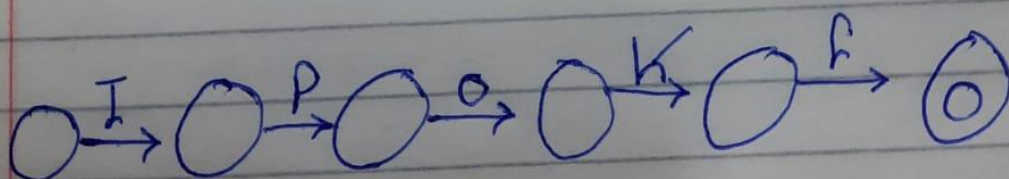
CraF



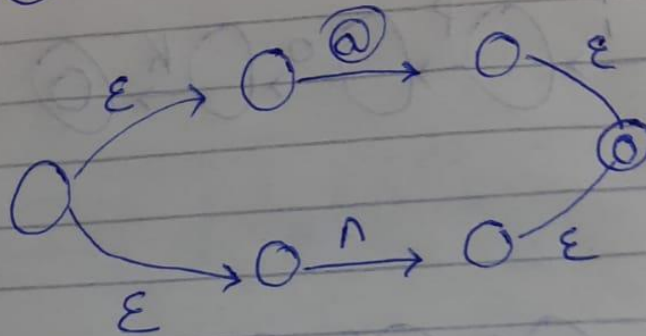
Sequence



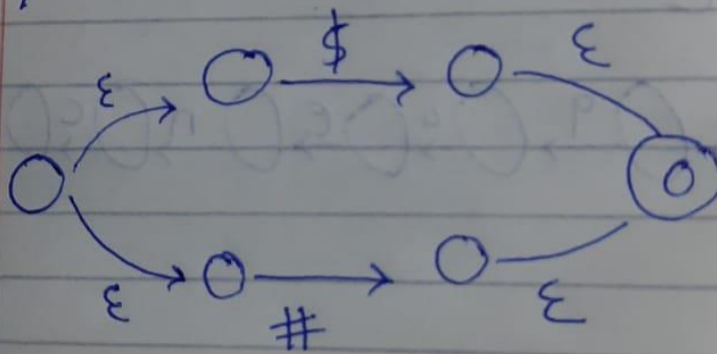
IPokf



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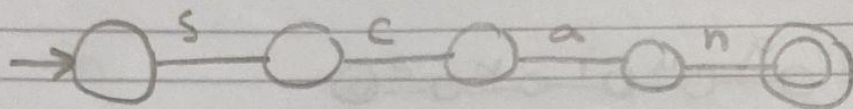


\$ | #

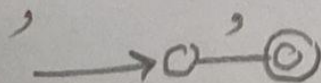
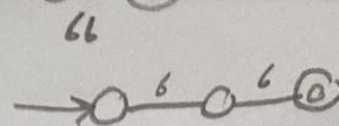
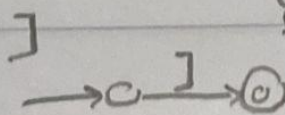
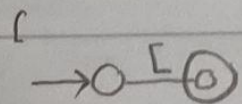
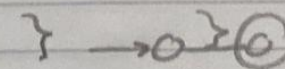
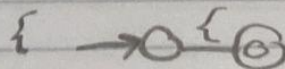
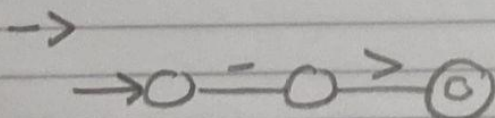
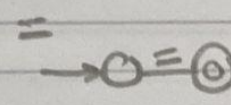
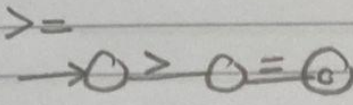
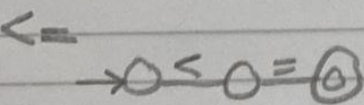
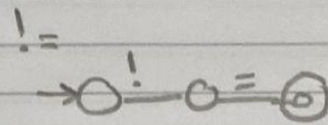
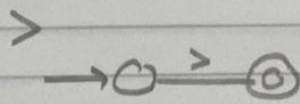
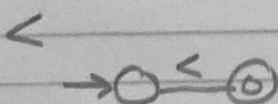
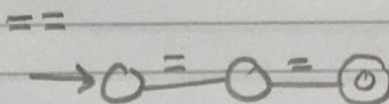
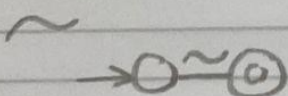
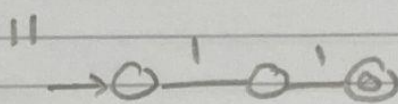
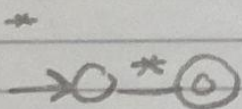
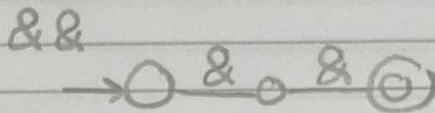
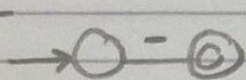
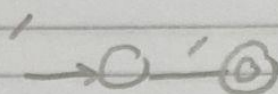
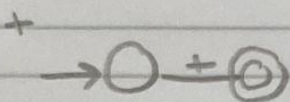
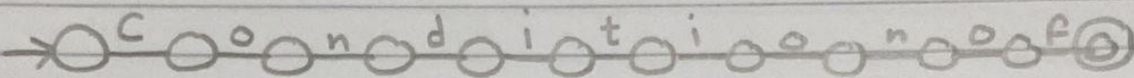


NFA

Scan



Condition of



Require:

PAGE
DATE

→ R e q u i r e

S i p o x f S i
v a l u e l e s
R a t i o n a l R a t
E n d t h i s E
H o w e v e r H
W h e n W h e n

Subject: _____

Date: ____/____/____

Respond with

R E S P O N D W

S r a P O S rap

x o q i

Parse tree and Abstract syntax tree