Sunday, 29 November 2020

4:24 PM

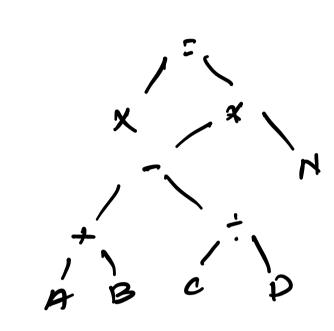
Three Address Code (TAC):

$$E = A + B$$

$$F = C + D$$

$$G = F$$

$$X = G \times N$$



$$R1 = 2 \times 3$$

 $R1 = 3 + R1$
 $R3 = R1 + 4$
 $R3 = 3 + 21$
 $R5 = 3 + 21$
 $R6 = R5 - 1$
 $R6 = R5 - 1$
 $R7 = 2 \times R6$

S-len Code Sice - faster Code execution speed.

- To find a Dalance

n/w the size of the

code and the

speed of excurrion.

Optinised code:

$$R1 = 2 \times 3$$
 $R1 = 3 \div R1$
 $R3 = R1 + 4$
 $R4 = R2 - 1$
 $R7 = 2 \times R6$