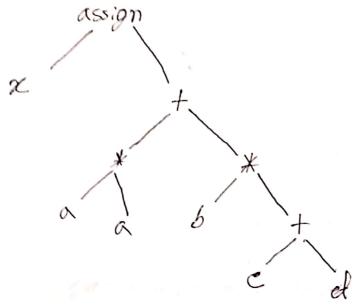
17201012

Answer to Q. No. 1

x=d2+b*(c+d)

Panse tree:



I three address:

temp1:= 0.2

temp2:= c+d

temp3:= temp1+b

temp4:= p temp3 + temp2

X:= temp4







Answer to the G. No. 4

White a RF that has atleas one of the followings.

i) steamts with 0 on 1 ends with 01 and ends with @ 01 on ends with 10 and both sides stands with either of regex 0 on 1.

Answer to the G. NO.3

- (1) abat (atb) #+ bab
- (i) (0+1)*+101+(0+1)*

Arguen to the G.No. 2

至=至0,1,23

,	States	0		1	2		
stant	0	2	74	3		ALC: OF	and the same
_	140	£ 3	-		Ô	- 17	
	2	0		{ }	C		i.
	3	4		23	4		X.
	*4	123		23	23		SHIP OF

This is DFA, cause we easit go from one state to another using two inputs. As we know