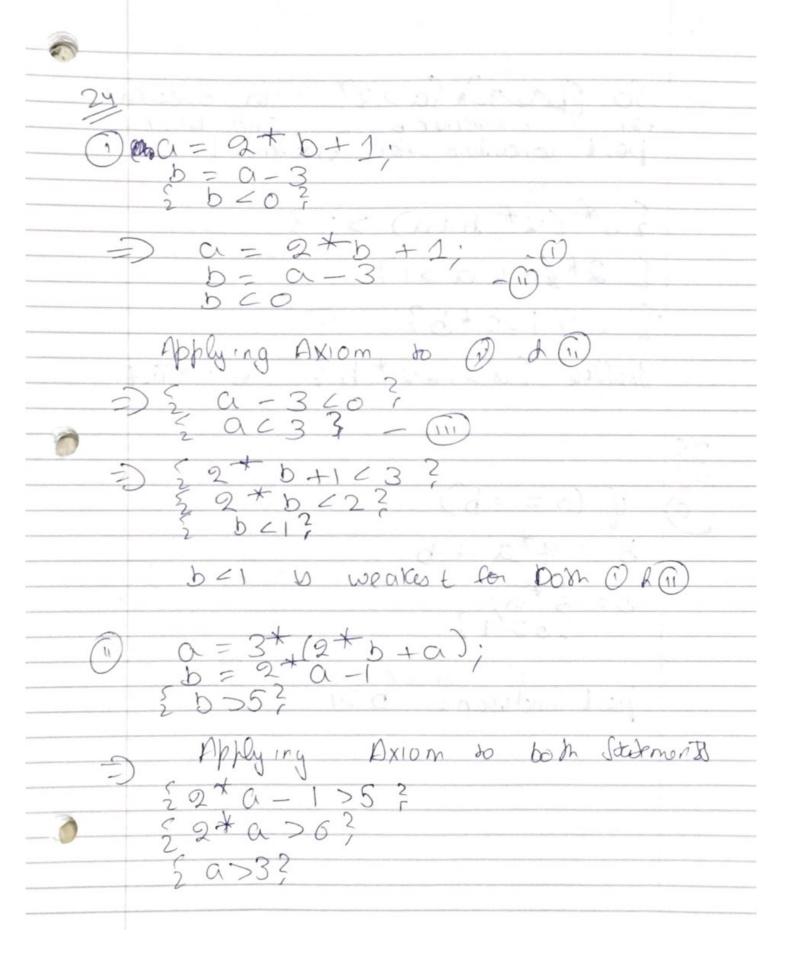
Assignment 3 Convert following EBNF to BNF Converting Finding weakest keepecondinon J-18a>0? D=((+10)/36 2 b >6? 2 (410)/3>6? 2 (0 + 6 > 18 2 C > 8?

=> 2 a+2+b-5 a+2+ b>2? 22+602-07 b > (2-a)/2? => 3 6>1-6/2)? $x = 2 + y + x - 12 \times > 11$?

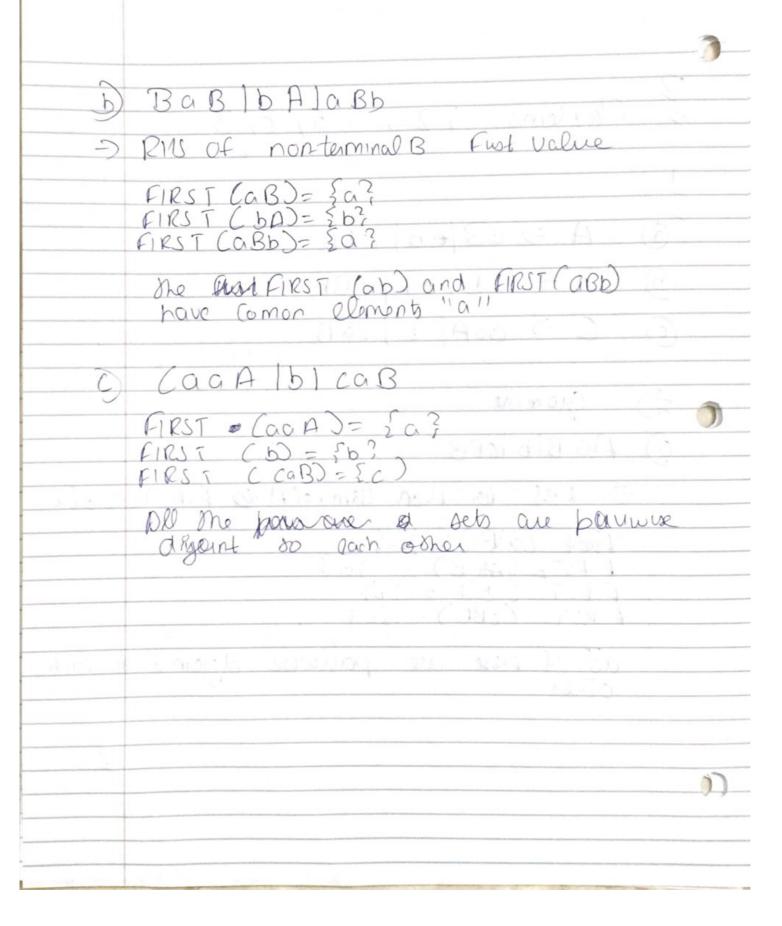


is weakest Stadement Condidor for Doademont 1 3 * (2 * b+a) > 3 } -2+ is way les + ond idon

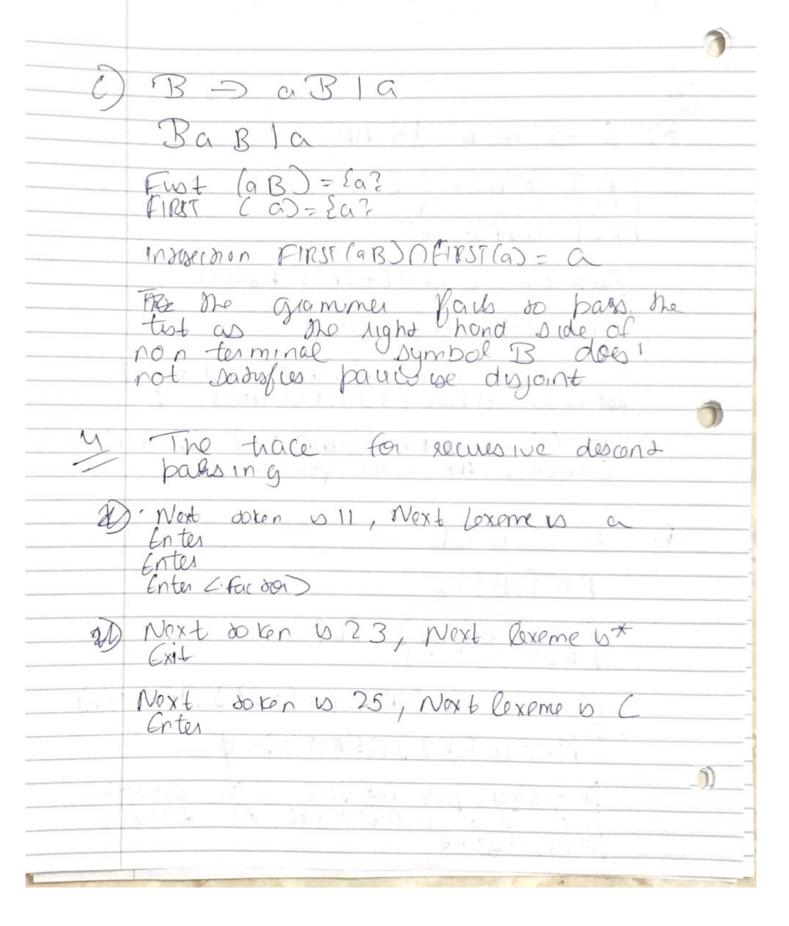
D 2+ *a +1 > 20 2000 a >1 -> a> 1/2 012 -> 1/2 -> a > 0 @ mars 20012 host (ondition > X 20 3+x 60 -> x 60 (0 +) x <0 =D {X Z-1}

N= 3 * X-1; post Condition -> 4>3 The weakest precondition & X

6	
2	Moblems, 1,2,4,5,6,8
1	A D aB ob CBB
(D)	B-D aB bA aBb C-D aaA b CaB
	Aa Blb CBB
S.	DRYS GO NON TERMINALA FIRSTS Valu PLANT (MBN Sector FIRST = CAGB) = 503 FIRST (50) = 503 FIRST (6BB) = 503
	all of these are parruse objoint to each



-> asb 15 AA (bAA)= {b} Intersection of FIRST (aSb) ST Fust(b) So, FIRST (asb) A Fint (b) = q interpretation of Fust (as b) A Fust (bAA) = (FIRST (b) and first FIRST (bAA) have element b'in Common, the So, the grammer fail -> b 20 B 3 1 a Ab 20137 a FIRST (b 20 B ?) = 1 b ? FIRST (0 ? = 20 ? Interschool of FIRST (b EaB?) NFIRST(a) - SU/ (D FOB?) AFIRST (a) = \$ hond Sid or Non Juminal A Satisfies pours dyoint



Next dokon is 11: Next Cexem is b Gentle Enter < factor Next Joken to 21: Next Coxeme to + EXIT Exit Next Joken w 11' Noxt Cexemo w c Enter Enter < factors dokon is 26: Not lowers is Bxit EXIT do Kon o -1: Next lexem & BOF NXXE Cxit