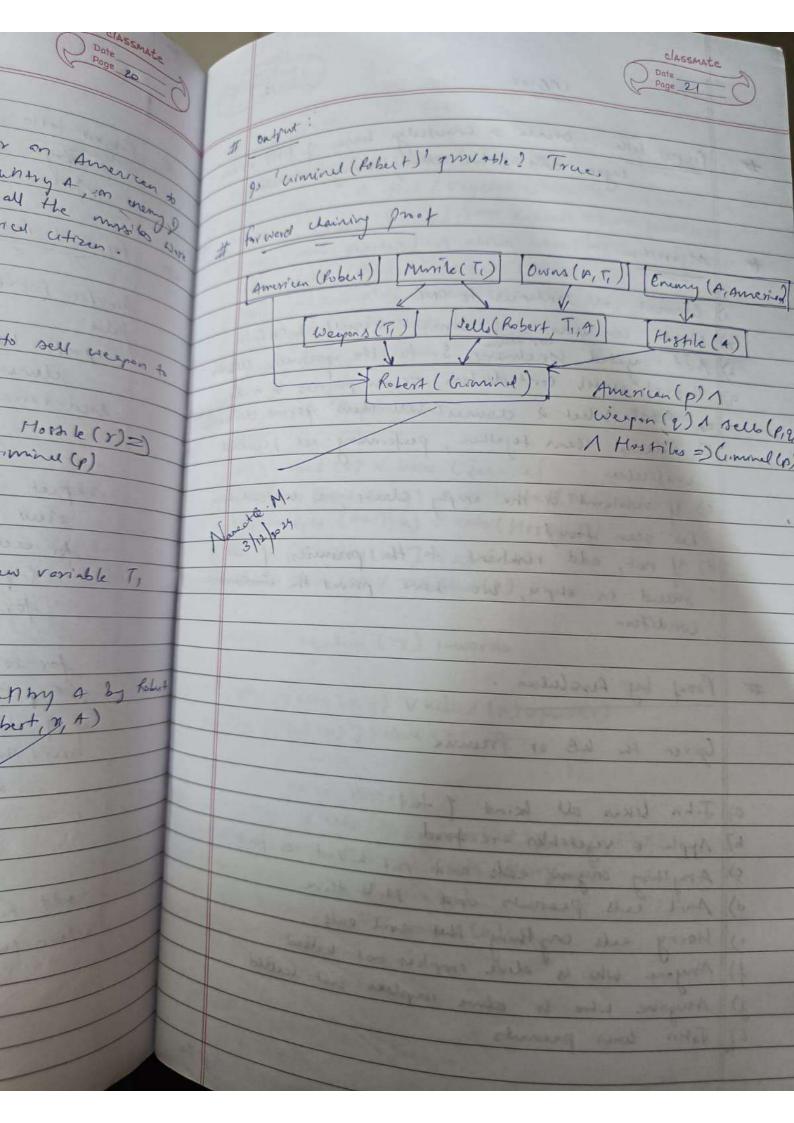
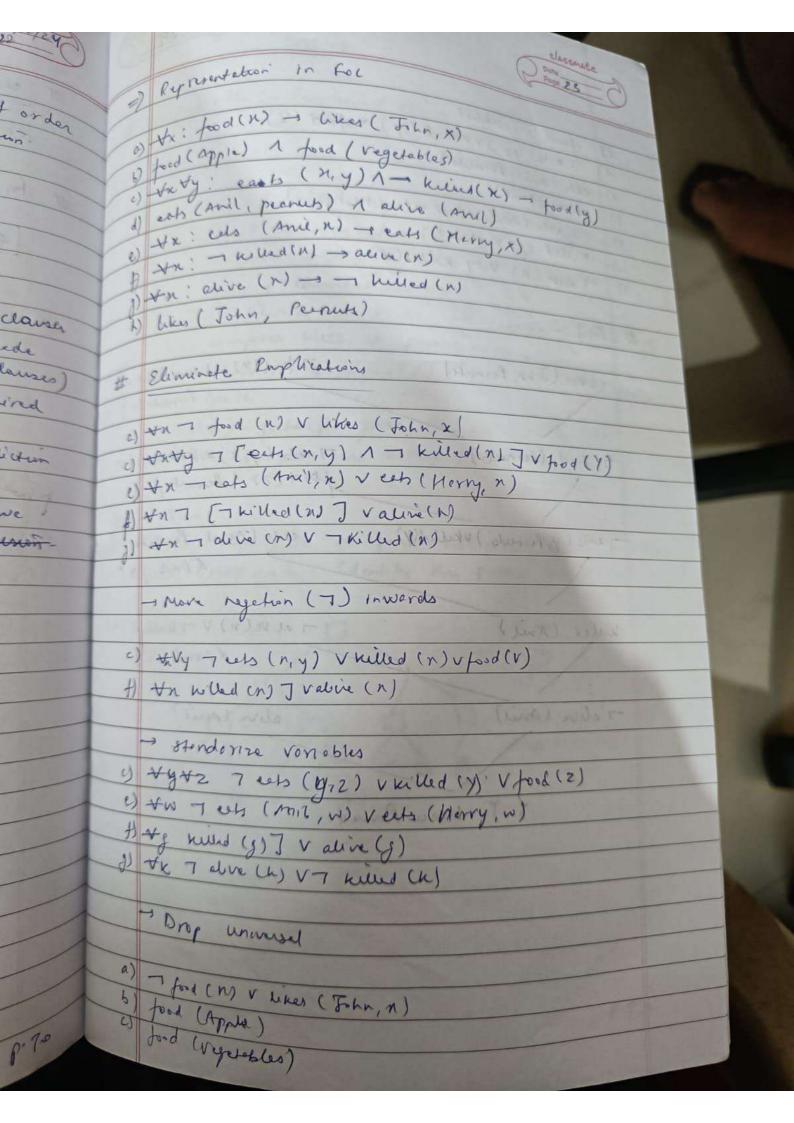
A Project Legic statement and prove the given query usny forward reasoning.

Toward Reasoning Algorithm: Larthere the terms. ive step evelum function for-FC-ASK (KB, X) returns a substitution or inputs: KB, knowleggle bese, a net of prote first or definite clauses &, the query, an atomic sertences. loud veriables! new, the new sentuce interned on each 1 féralisir repeat until new in empty for each off note in UB do (p, 1... (n =) &) = STANDARPIZE - VARIABLES (ruly) for each o such that SUBST (O, PIA... MIN) = SUBST (o,p,'A...Aph) for some pling on links q' = \$ SUBST (0, 9) if 9 does not unify with some sentence already in kBor new then add g! to new be enley (q'a) y & is not fail then return & add new to KB Echin false.

-4				
		study !-		0
		If Green care study!		output:
		it is not /	N	out
		As per the law, it is a crime for on American self weepon to hostile naturns. Country 4 im man		9, Cumio
~-		some missiles and all !		93
		America, her some missister, and all the many of sild to it by Robert who is an Americal cutor		C wavel
		Brove that Robert is arminal!	I	for ward
~		The real state of the state of		American
-		0		
~-		l'ext is a come for on american to sell magness		
		hostile networi.		
~	3	the see and x ever verials.	1000	
		American(p) A Wegin (g) A seus (P. P. Y) A Hors le (r) 2)		
-		Horn le (r) al		
-	.2			
	D' .	Country A has some minde-		el.
		Fx own (A, n) 1 Minteln).		X2 25
1000		and the state on the to	P	3/2/24
1850		Prestential instantiation, introducing a new variable ?		100
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		les some o' o'a sixa	BYER	
3.	-	AN of the minites was were sold to coupling a by &		
134		In humle (n) nowns (A,x) =) sels (Robert, n, +)		
		7 10000 (1 2000)		
и.	1	Visite Any		
	1	Visibles are wapons		
	1	unik (n) =) Wegen (n)		
17		The state of the s		- Long
5.	1 2	meny of America is known as hortile		
	1	to Enemy (n. America) => Histik LW		
		John Committee C		
6.				
	1	bert is on Amenium		balle
	1	merican (Robert)		
7.	The	Country of an	100	
	En	Country & an enemy of America my (A, America),		
		() There),		



Project sitle: create a howeredge base of first order to Project sitle in order greing wring resolution 0) +XX 52 food c) fr est # Algorithm: e) +x of Convert all sentences to CNC An 2) Negete Conclumon S & Convert result to CNC
2) Negete Conclumon S & Convert result to CNC
3) Add ageted Conclusion S to the premise claim
3) Add ageted Conclusion or no province 3) +n lik 2) Repeat west contradiction or no progress to made of Besset Select & clauses (last them perent clauses tt Eli. 6) Release them together, performing all required unificetion c) wn c) 4 resolvent is the empty clause, a contradiction c) Vnt his been found. e) +n d) of not, add randvent to the premises of we 4) +n succeed in step4, we have proved the tenchuser. Condition # Proof by Resalution: Given the WB or Premise t) Vn a) John likes all kind I tood b) Apple & vigetables are food d) Anything onyone cots and not killed to food d) Anil cets peanuts and still Aline e) +w Morry eats crything that soul eats. f) Anyone who is deve implies not killed Jor D'Anyone who is alive inplies not killed John lines premuls



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