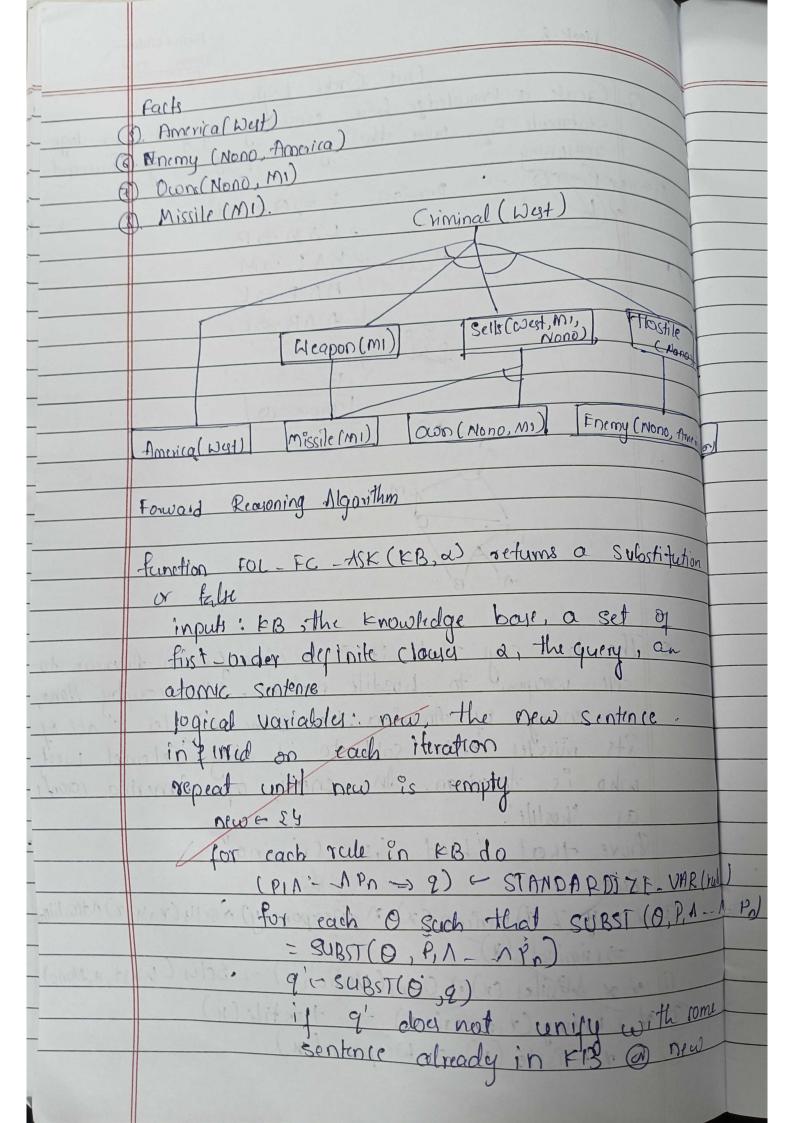
	Meck-8
	First Order Logic
0	Create a knowledge bare consisting of first order logic statements & prove the given query using forward
	Statements & prove the given query using forward
_	Accel Brance
Thenvi	premises P => Q -> (only)on.
	PLAMOP
	Pates & BAL >M.
	DAP => L
siboli	fects LANB-DL
	Later S A
	B
T. north	Prove O
=)	
	M
	Material Dainging Branco ?
, taf-1	02 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	A B
10	input i be the Enoughdon boxes a set
Q.	The law says that it is a crime for an American to
	sell weapons to bostile notions. The country None
	an enemy of America, has some missile, & all of
	ets misses colore sold to it has colored
	who is American. An enemy of America counts
	as hostile.
	Prove that " Dest is Crimina"
0	Rules Agnara > (8 cm agn 4 mag)
0	A, x, y, 7 A Menican Casa wecapons (y) i sely (x, y, z) Atlostille
	=) criminal (*) A 9 (9) TO 108 = .
(2)	* * Missily (x) A Owns (None, x) => Sely (West, x, None)
3	Na Enemy (x, America) => Hostile (x)
G.	V n Enemy (x, America) => Hostile (n) V n Missle (n) => Deapons (n)





	There is a second
	Then add 2' to new
	OCUNITY (9', a)
	if 0 = is not fail then seturn a.
	add new to KB
	seturn false.
	Ocelput
	Adding fact: American (klest)
	Adding fact: Enemy (Nono, America) Adding fact: Missile (MI)
	Alling fact: Missile (MI)
	Adding feet: Own (Nono, MI)
	Inferred new feet: Wropon (MI) from ['Missile(MI)']=
	Leapon (M1)
	Inserted new fact & Selly (West, MI, Nono) from ['Missile(MI)]
	, Owns (Nonos MI) 'J= Selly (Wat, MI, Nono)
	Engined new fact: Hostile (Mono) from l'Enemy (Mono,
	America D'J => Hostile (Nono)
	Engerred new fact: Criminal (edert) from ('American (west)',
	"Weapon(M1)", 'Sel4 West, M1, Nono)", "Hostile (Mono)"] => (riminal (West).
	Good Reached 3 Hest is Criminal
	True.
	a 1
	3/10/20
	31/01
x 1	
1	
D)	