	AT TOTAL TOT
	AI Assignment 1
(V	Convert
(V	it I the pollowing FOL into CNF
	Tx 1 = 2 Animal(2) 1 Kills (x 2) 7 => (+41) 7/21/21/21/21/21/21/21/21/21/21/21/21/21/
	Convert the following FOL into CNF. It x [F 2 Animal(2) 1 Kills (x, z)] =) [+y 7 loves(y, w)]
	11) Eliminate impliation : (A =) P = ZAVIP
	11) Eliminate implication: (A=)B = TAVB Hx[T] = Animal(2) / Killy(N, 2)] V = Yy Tlores(y, N)
	L = mad(2) // kius(1,2) V at y y loves(y, x)
	10 More TImonum '- 77
	(i) More TInvawas: TEX P = +x TP.
	tu [+ z - (Animal(z) N Will (x, z))] V ty -long(y n)
	+x[+Z ¬ (Aninal(2)) V ¬tills(x,2)] V +y ¬lovs(y,x)
	(iii) Drop universal quantifiers!
	(iii) Drop universal quantifiers: - The [Thrimal(z) V Tkills(1,2)] V TLoves(y, x)
	(iv) (NF
	7 Animal (2) V Tkilly (v,2) V Tloraly, u)
	Straight 3 in the

	convert the sentences into FOL & prove using scrolet
	Rely Spark :-
il	cold and precipitation -> snow.
	(old (u) A precipitation (u) => Snow (u)
	7 (cold (n) 1 precipitation(n) V snow(n)
	- (old (n) V - precip étation (n) v snow(n)
_	(i) Tanuary -) cold
	(ii) => (old (M)
	7 January (n) V WIO (n)
1	
	douds (n) => precipitation (n)
	-1 Clouds (n) v pre cipitation (n)
(iv) January (n)
1,	(M)
1	to pron! - Show (x)
	which are the second of the se
-	Resolution of (i) Se (ii) 1 No - Precipitation (n) v Snow(n) v - January (n)
	INE Precipitation (h) 03/1000(1)
-	> Resolution of (VI)
	(vii) _ Treeapie
	-> Resolution of (vii) and (iii) (viii) Snow(x) V -> (lords.
	-) Resolution of (VII) and
	(viii) Snow(x) V Towas:
	The state of the s
	-) Resolution of (viii) and (v)
	snow(n) & Huna proved