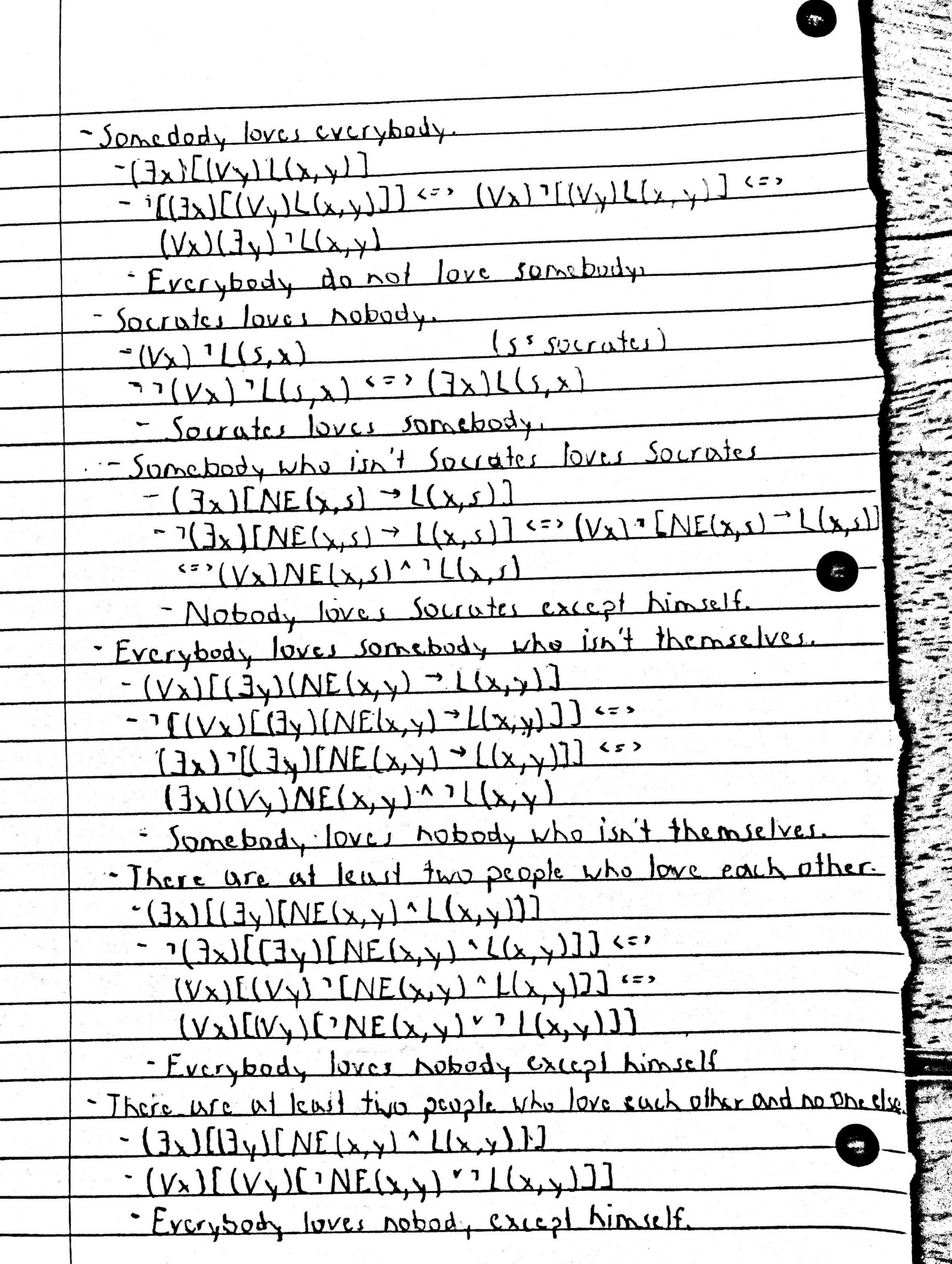
1		Ruan Pollack
	,	Ryan Pollack
		a. Not a proposition
		Vanish talse there are properties
		Vac a avogasition. False the moon but the
		f. Not a proposition because unknown truth value.
		a. I did not buy a lottery ticket this scekend.
		b. I bought a lottery ticket this weekend or I won the
		c. If I bought a lottery ficket this weekend, then I wan
		11 -11 -11 -11 -11 -11 -11 -11 -11 -11
		the millon dollar jackpot. d. I bought a lottery ticket this weekend and I won the
		d. I bought a lorier & live.
		e. I bought a lottery ticket this weekend if and only if I
		e. I bought a lottery ticket in knot.
•		Won the million dollar jackpot. Won the million dollar jackpot. This weekend, then I
		f. If I did not buy a lottery ticket this weekend, then I
	•	1. IL million DOUGT WEXDER
		a T did hat hav a lottery ticket this weekend was a
		1 1 million Hallar 10ckools
		TOURANT - STORPINITUDE
		T did not buy a lottery ticket this weekend or I
		won a million dollar jackpot.
•	7	2 12 2 → 12 · b, p 12 p(= 12)
	_3.	A. T. F. F.
	-	FTF
•		



7.	Idhinhat it's Pashingi												
	TI L I C Li is is conver												
8.	Yes, theoretically it can. The boolean functions is given												
	an answer as 7, v, a Boolean functions also give true												
Ž.	or fulse vulues like ", ", 1.												
,													
	(727					[6 2 . / .2 - A 1	11721127011 770						
	4	W	-12-		7 0	TIPTIBLE							
		<u> </u>			<u> </u>								
		<u> </u>			3 - 1-	Λ-T 1							
	Not a tautology' PFF, Q51 to make talse												
	(70			11 -> 1	3								
	1 2		170	1 10		12012-01	(10 ~ (5 -10)) -> 15						
		12		LX_F	T 7	TICK TO TAT							
	7			. 7	C								
	- I	17	T		7								
	F	1		7	+								
	Tautology												
	Fire	1 0-1	e, p.	odi.	to 1 000								
	First Order Predicate Logic - Everybody loves somebody.												
	((x,x))((x,y)) => $[((x,x))((x,y))]((x,y))$ => $[(((x,x))((x,y))]((x,y))]((x,y))$												
	$(\exists x)(v_1)^{1}(x,v_1)$												
	- Somebody do not love anybody.												
9 .	Juneway so ive anyoury.												

	1 PVQ Pxor li	PQ d. PQ	PAQ PVQ IPA	01-1(P-10)								
	TITE	TI										
	TFT	I F	F I									
	F T T	F T		<u> </u>								
•	F F F											
	- 2 Ω 2 2 2 2 2 2 2 2											
	e. PQ 7P R - 7P P(=, Q [(Q -> , b) (=, (D, -) Q]											
	TIT F											
		F										
	FFFT	T										
	f P 10 10 10 16	0 (=) 10 (P (=) Q)	xor (p = , 1Q)									
	TFT	F										
	TFTF	T										
	FIFF	T										
	FIFITIEL	<u>F</u>										
4,	a. 79 t), F	(C7P1Q									
	8. 1	(D.=,0)										
r-n ,-	True Avan	ΙΔ/	7(A ~ B)									
5.26.	True AVA False ANA	ANDR B	MAVRI									
	Identity(A) A	A - R	TAVR									
	Identity (B) B	Not (A > B)	7(7A v B)									
	Flip(A) 'A	B-A	7BVA									
	Flip(B) 'B	Not (B=A)	7(18 × A)									
	A AMOB A B	A <=>> B	(A^B)~(A ^ 1B)								
	A DR B A V B	AXORB	('A'B)v'l	A B								